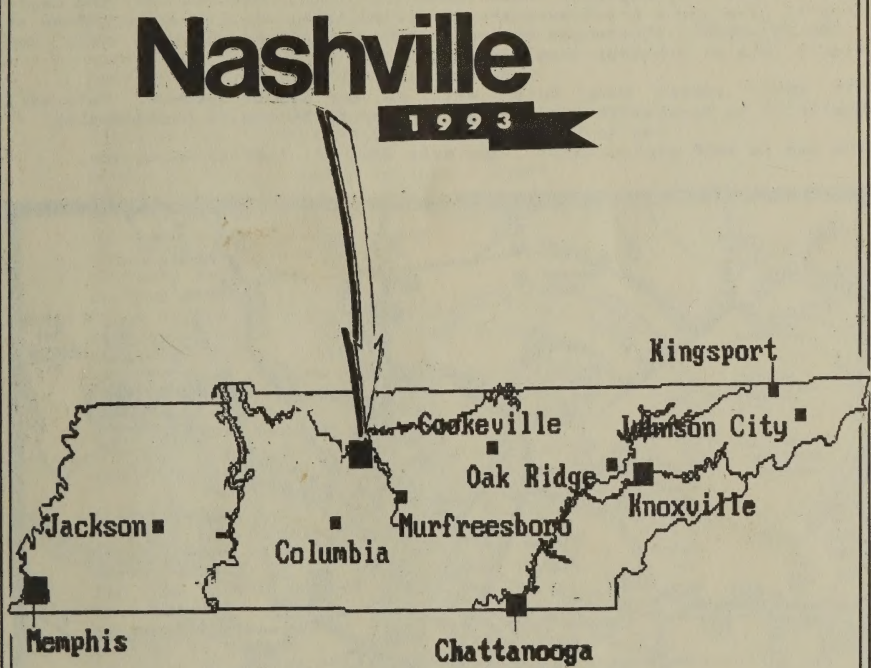
Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 1993



CONVENTION TIME!

Nashville 1993

JULY 23-25 -- DAYS INN CENTRAL

FINAL CONVENTION UPDATE

Pre-registrations must be postmarked by 7/15 to get the $25 earlybird rate...it'll be $30 at the door. Send the form (May VUD center page) to either Tom Bryant, 849 Todd Preis Dr., Nashville, TN 37221 or Doug Smith, 14 Brookside Court, Nashville, TN 37209.

The deadline has passed for group rate eligibility at the Days Inn Central, but they may still have space available. Mention "DX" and maybe they'll give you a break even though you're late. Call them toll free at 1-800-251-3038. If there's no vacancy they should be able to help you find a room at a nearby hotel or motel.

"TV NEWS" editor Doug Smith will be our second speaker. He's well qualified to discuss the present and future of TV and FM broadcasting.

The map is self explanatory: Take exit 85-B off I-65 to North 1st.

SATELLITE NEWS

George W. Jensen
4604 Anntana Avenue
Baltimore, MD 21206-4220

Another round of changes - new services planned - and some disappearances.

Changes -
Eugene Scott University Network from S2-2 to G3-12
Telemundo main feed from S2 to G6-8
Telemundo alternate feeds from S2-18 to G6-14
ESPN Latin American feed from S2 to ???
this ESPN feed is MAC encrypted and rarely in the clear, but a new MAC feed on G3-10 could be them.
Antenna Satellite - a television service from Athens and radio subcarrier are currently on G3-9 evenings in NTSC (our) format.
Caribbean Superstation has been noted on G7-22
ZAS the Mexican Childrens channel on M2-16 has disappeared and was replaced by Multi-Deporte
the Sports Channel which also has now disappeared replaced by a yellow color-bar test pattern.
YTV - the Canadian Youth Channel has disappeared from Anik E Ku-26 - at least at this location - anybody know if they're on a West Beam perhaps?

A number of sources - most notably - Broadcasting Magazine has indicated the following swath of new services:=======
Education Entertainment Network - 1996?
HBO En Espanol - 1993
Gala Americana International G3-24 may be on now.
Jones Computer Network - 1994
The Military Channel - 1994
NewSport Television - 1993
Ovation Network - 1994
Prime Ticket La Cadena Deportiva - 1993
Recovery Network - The Wellness Channel - 1993
Romance Classics - 1994
Sega Channel - Video Games etc. - 1994
Television Food Network - 1993
TV Macy's - Shopping Channel - 1994
World African Network - 1994
ATV Advertising Television - Infomercials - 1994
American Television Network - Specialized Music Videos - 1994 - some programming currently on Nostalgia
Crime Channel - 1993 - currently testing some programs on Channel America
Game Channel - 1993
Gaming Network - 1994 - a Gambling Channel
The Game Show Channel - 1994
Golf Channel - 1994
History Network - 1994
History TV Network - 1994
Horizons TV - 1994 (lectures and academic special events)
International Channel
IT Network - Interactive Shopping, Infomercials etc. - 1994
Encore+=+=+ 7 channels ++++====++++
- Love Stories
- Westerns
- Tweens
- Mystery
- Action/Adventure
- True Stories
- Movies/New Releases

May not be available in VC2+ but Compression Video.

What satellite or transponder many of these services will use in not yet know - stay tunes for further details.

George

TV News

Doug Smith
14 Brookside Court
Nashville, TN 37209

615-356-8305
CIS 72777,3143

Abbreviations used in this column:

ERP=	Effective Radiated Power, in kilowatts
HAAT=	Height Above Average Terrain, in meters
AAT=	Above Average Terrain
AG=	Above Ground
ASL=	Above Sea Level
nc=	no change
TL=	Transmitter (and tower) Location
CP=	Construction Permit
MP=	Modification Permit (modification of CP)
Pr=	Province (of Canada)
*=	Non-commercial
CRTC=	Canadian Radio-TV Commission
DBS=	Direct Broadcast Satellite

APPLICATIONS FOR NEW STATIONS

Pr	Ch	City;Applicant
NB	49	Buctouche; NB Broad. Co.
NB	7	Moncton; MITV
NB	27	Moncton; NB Broad. Co.
NS	34	New Glasgow; MITV
NS	10	Shelburne; MITV
NS	11	Sydney; MITV
NS	45	Yarmouth; MITV

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

Pr	Ch	City;Licensee
ON	69	London; Multilingual TV Ltd.
ON	16	Wheatley; Baton Broadcasting

NEW STATION APPLICATIONS DISMISSED

St	Ch	City;Applicant
CT	18	Hartford; Gloria W. Stanford
NY	42	Oneonta; WSKG Public Telecomm. Council

MODIFICATIONS GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
CA	31	36.4	90	KVMD	29 Palms

(TL 34°09'15"N, 116°11'50"W N of CA-62, S. Bernardino Co. was 15.8kW/83m.)

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
IN	8	nc	305	WISH-TV	Indianapolis

(TL:39°53'25"N, 86°12'20"W 2500 W. Westlane Ave. Roughly 20km NW of old site east of Indianapolis, near the other Indy towers north of town. Was 302m.)

MA	58	nc	155	WCVX	Vineyard Haven

(was 134m.)

VA	21	4207	nc	WJPR	Lynchburg

(was 4170kW)

NEW STATIONS ON THE AIR

Newton, NJ; WMBC-TV 63z;
1510kW, 223m AAT
TL 41°00'36"N, 74°35'39"W
Near Woodport, about 65km WNW of Manhattan.

Seen by Bill Nienajadly on 4/26. Programming unknown but previous announcements had indicated religious and ethnic.

Charleston, SC; WCTP 36+;
147kW, 233m AAT
TL 32°47'15"N, 79°51'00"W
Appears to be a few miles E of Charleston, SW of the Charleston tower farm.

Noted by Matt Sittel in the SC edition of TV Guide. Independent.

CIII-?-12 Sault Ste. Marie, ON;
CIII-?-2 North Bay, ON;
CIII-?-11 Sudbury, ON;
CIII-?-13 Timmins, ON;
Technical details unknown. Signed on 12/1/92; Global affiliates, satellites of CIII-6 Paris.

CICO-?-29 Pembroke, ON;
CHLF-?-17 Pembroke, ON;
Technical details unknown. Signed on 11/27/92; TVOntario affiliates (29 English, 17 French).

STATION BACK ON THE AIR

KASA-2 Santa Fe, NM:
Seen by Ed Phelps in early June. Fox affiliate, replaces KGSW-14, last operated as independent KKTO. I don't know if the transmitter site move to Sandia Crest has been completed.

OTHER STUFF

The Canadian information above is from a few issues of *Broadcast Technology*, Canada's answer to *Broadcasting & Cable*. It's 2-3

months old, so some of the stations listed may already be on the air--or may have already been deleted. Unfortunately I don't expect to get regular information from this source.

The MITV applications are for rebroadcasters (Canadian for "satellites") of CIHF-8 Halifax. Channel 7 in Moncton would take over the facilities of CHMT-7 there; CHMT would move to channel 27 (hence the channel 27 application for NB Broadcasting Co.); and to fill the coverage gap from CHMT moving to UHF, CHMT would add a broadcaster in Buctouche. The CBC (with which CHMT-7 is affiliated) is opposed to the plan.

In Wheatley, Ontario, the new station will be a semi-satellite of CFPL-10 London, although it will also originate some of its own programming. The channel 16 assignment is a rumor from Saul Chernos via Greg Coniglio; a clipping Greg sent from the *Toronto Star* says the calls will be CHWI. FCC's database says channel 16 is assigned to Chatham, which is close enough to Wheatley.

Wheatley is 12km E of Leamington on Hwy. 3, between Windsor and Chatham - and very close to the site of Global's CIII-TV-22. CHWI will probably use the same tower.

London's channel 69 is to be a rebroadcaster of CFMT-47 Toronto.

FCC engineers have developed a plan to change the way "T-band" (470-512mHz, shared with TV channels 14-20) land mobile spectrum is used, and reduce the power allowed for land mobile stations in this band. The move may allow the Commission to open up new TV allocations in these channels.

Startup of must-carry regulations on June 2 appears to have gone smoothly in most cases. *Broadcasting & Cable* interviewed representatives of several cable systems, most of whom either didn't have to drop any cable signals to accommodate must-carry stations, or only dropped one. The most complicated situation cited was in Orange Co., California, where a 38-channel cable system was required to drop The Movie Channel and a pay-per-view service and switch several other cable networks to part-time occupancy, in order to accommodate 4 new broadcast signals.

However, in parts of the San Francisco area, must-carry has become a moot point. A U.S. judge has issued a temporary restraining order preventing enforcement of the regulations against several Viacom systems in the area.

Most cable systems are continuing to say they'll refuse to pay stations for retransmission consent, and many large stations are saying they'll insist on being paid. In some cases, however, compromises have been reached.

One Missouri station has proposed that, in return for payment, they'd give their local system permission for carriage <u>and</u> roughly fifteen free commercials a week, which the cable system could use to advertise their service.

Another, undisclosed, station is reportedly negotiating to accept, rather than a cash payment, a second channel on the cable system. Fox (on behalf both of its owned-and-operated stations, and its affiliates) has already reached a similar agreement with major cable firm TCI.

There is now only one HDTV system. The three groups competing for selection as the U.S. standard have agreed to work together to develop one system. While most of the technical specifications are still somewhat up in the air, the real advantage of this move is the years of litigation that will probably be avoided.

LPTV WATCH

Call	St	City: programming
W35BB	GA	Dublin; unknown
W13BO	GA	Valdosta; WTLH-49 (Fox)
W53HI	GA	Valdosta; OFF
W66??	GA	Valdosta; TBN
W24??	IL	Flora; Main St. TV
K47DW	LA	Alexandria; WNTZ-48 (Fox)
K62EG	MO	St. Louis; religious
K69FN	MO	St. Louis; OFF
W42AT	NC	Hayesville; NCPT (PBS)
W31AN	NC	Murphy; NCPT (PBS)
W60AU	NC	Raleigh; HSN
W25AW	NJ	Trenton; "WZBN" All News Channel
W41AQ	PA	Berwick; Catholic
W68CE	PA	Shickshinny; CHA
W23AY	PA	York; "MOR Music Video"
K16BY	TX	Crockett; local

This month courtesy of Jeff Kruszka (who sent a whole list of

DXable LPTVs which I'll drop in over the next couple of months), Eric Voytko, Robert Delaney, Matt Sittel, and Ed Phelps.

In Valdosta & St. Louis, the listings reflect LPTVs moving to new channels; in Alexandria, K47DW switched primaries from KADN-15 to its satellite WNTZ-48.

FORUM

Saul Chernos, Orillia (?) ON, via Greg Coniglio, Williamsville NY:

Besides the info on new CHWI-16 above, Saul sent Greg an item from the *Globe & Mail* regarding a dispute between CKCO-13 and Baton Broadcasting over Toronto Blue Jay baseball games.

Baton, owner of Blue Jays flagship station CFTO-9, as well as the new owner of CFPL-10 London and CKNX-8 Wingham (and incidentally, also owner of new CHWI-16), dropped Electrohome's CKCO Kitchener from the Blue Jays network, citing overlapping coverage with Baton's own CFPL. However, Baton doesn't have any affiliates in the area north of Barrie; this area had been served by CKCO's channel 11 rebroadcaster in Huntsville.

CKCO offered to carry the Jays games on the Huntsville rebroadcaster only, in return for some commercial time, but was refused.

Fred McCormack, St. Paul MN:

"I don't know if the KNRR-12 Pembina situation has been resolved yet in your column. I was recently out in North Dakota and while I did not get near Pembina to check its signal, I noted that KNRR is listed in TV Guide and on the ID slide of KVRR-15 Fargo."

Regarding Lorianne Crook-Owens' LPTV problems in Branson, Mo. as reported in May, Fred's more complete LPTV records list K05JQ and K17DL there as being licensed to Ms. Crook-Owens.

"I was interested in your comments on programming of second PBS stations. I wonder if any others are programming like local KTCI-17, which carries aviation (radar) weather Sat-Sun 0530-2400 and Mon-Fri 0530-1700? This programming should certainly make KTCI stand out in a tropo opening."

It sure should! I know of no other station doing that, but several Midwestern PBS stations carry the 162.x NWS weather radio on their SAP second audio program channel, a practice that should make it easier to ID those stations. In East Tennessee, WKPT-19 carries their AM radio station on the SAP; this is also of considerable help in IDing this station.

Keith Smith, St. Ann MO:

Going back to the KNRR-CHMI interference situation, Keith writes: "Technically, there is nothing wrong with this allocation. CHMI is about 80 miles straight distance from KNRR, more than the mandated distance between two channels." True. Tom Bryant later told me the channel 13 allocation has existed in the Winnipeg area since before KNRR came on the air.

"Frankly, I don't understand why Red River Broadcasting needs four Fox affiliates in a market like Fargo/Grand Forks - there are only two each of ABC & PBS, and only one each of NBC & CBS." I can't read the minds of Red River management, but I suspect the reason is that the open channels available to them wouldn't provide adequate coverage of North Dakota's cities.

KNRR-12 is obviously an attempt to cover Winnipeg, as Pembina (population 642) is the largest U.S. community in the station's Grade A contour! KVRR-15 was a "4-letter LPTV"-- at the 22kW ERP with which it went on the air, it covered Fargo & Moorhead, but nothing else, and even as a full-power station, its Tansem, Minn. tower site doesn't cover Grand Forks; thus, KBRR-10, which does cover that city. (and also has a very appropriate callsign for a station in northern Minnesota!) Finally, KJRR-7 fills in the gap in the Jamestown/Valley City area. Fargo's other commercial stations (KXJB-4, WDAY-6, KTHI-11) all have towers west or northwest of the city, thus providing at least some coverage both of Grand Forks and Jamestown/Valley City.

"Why are we who aren't border-area U.S. citizens not allowed to see programmes on CBC, CTV,... and other Canadian services on our cable systems, while Canadian cable subscribers can see ABC, CBS, NBC, and PBS beamed in from Detroit? Either our cable systems, the CRTC,

or the Canadian networks are at fault..."

I see two reasons. First, cable systems are limited in the number of channels they can carry; each added channel increases the cost of the booster amplifiers & other equipment used to distribute the signals. While there are some interesting programs on Canadian TV, (and indeed, I'd probably subscribe to cable if I could get the CBC) they don't appeal to most Americans. It would be interesting to know, for example, how CBLT-5 Toronto does in the Buffalo and Rochester ratings.

Second, Canadian networks carry a lot of U.S. programming. Much of this programming is covered by "syndicated exclusivity", a regulation that requires cable systems to blank out programs on distant stations if a local station carries the same program. A U.S. cable system carrying CTV or a Canadian independent would likely be carrying a blank channel much of the time!

Tom Bryant, Nashville TN:

Tom has worked in radio in the Winnipeg market, and still has contacts up there, so I passed him a copy of Keith's letter & asked for comments. Referring to why Canadians get U.S. networks, but we don't get theirs, Tom writes: "It's unlikely that many people in this country (USA) are the least bit interested in Canadian originations, much less full-time availability of CBC, CTV, or any other programmers north of the border."

As for CHMI-13 preventing carriage of KNRR-12 on Winnipeg's cable system: "It's simply a matter of politics...if Winnipeg cable operators REALLY wanted KNRR on their systems (one of which is owned by CKY-TV 7) I'm pretty sure they'd find [or make] a way to do it."

Like most other cable systems in Canada, Winnipeg's systems receive most U.S. programming from Detroit via satellite. (however, WDAZ-8 and KGFE-2 from North Dakota are carried) Tom says it's rumored that the systems have asked for permission to replace all the Detroit signals with North Dakota over-the-air pickups, presumably KTHI-11 and KXJB-4.. "Excessive violence in Detroit news and feature reporting is among reasons cited...plus the fact there is nothing of area interest in the MI originations."

Tom speculates that, if this were to happen, "...a series of LPTV relays would pop up northward from Grand Forks to the border to deliver a grade A signal for the Winnipeg system to pick up off-air."

On a slightly related subject, Tom also sent a clipping from the *Winnipeg Free Press* noting the extreme displeasure expressed by Canadian cable executives at the CBC's plans to provide programming to the DirecTv DBS system. CBC and Power Broadcasting of Montreal have agreed to provide an international version of CBC Newsworld and an entertainment service; these programs will be available to DBS dish owners on both sides of the border.

Canadian cable operators call DBS satellites "death stars", fearing that they'll be unable to compete with the satellites. Canadian Cable Television Association president Ken Stein accused CBC of joining forces with the enemy-- but a CBC representative denied that the agreement would undermine Canadian broadcasting, and would indeed provide valuable international exposure.

Keith Short, Columbus OH:

And sticking to the subject of cable... From the May 22 *Columbus Dispatch*; "Tiny station seeks FCC aid to stay on cable". The Newark, Ohio cable system was planning on replacing WHIZ-18 Zanesville with WOUC-44 Cambridge on June 2, the effective date of the new must-carry regulations. Newark is technically in the Columbus market and thus is required to carry WCMH-4, the NBC affiliate in Columbus-- but not required to carry WHIZ, as Zanesville is a separate market.

Newark Mayor Frank Stare told the paper "WHIZ is probably the closest thing we have in Newark to a hometown station. People have told me they are disappointed about it being taken off the cable here, and I am, too. I would encourage people to call (the cable system) and express their concern and opinion about it."

The Cable Act requires cable systems with 13 or more channels (virtually all of them!) to set

aside up to 1/3 of their channels for over-the-air stations. Thus, assuming that Newark's Dimension Cable had 36 channels (a popular size), they'd be required to carry up to 12 over-the-air stations. There is a separate provision for non-commercial stations, of which I've been unable to locate the text.

Keith writes "Everybody that has a cable TV system between television markets can expect to see more than one noncommercial education(al) television station within 50 miles of the cable system's service area... For example, Middletown is between the Cincinnati and Dayton television markets but it is served by the Cincinnati market. Under this new FCC rule, it would have to carry WPTO-TV 14 from Oxford, WPTD-TV 16 from Dayton, WCET-TV 48 from Cincinnati, and WCVN-TV 54 from Covington, Ky. since these noncommercial educational stations are within the 50 mile radius. I must say that such a duplication is a waste of the cable system's channel spacing."

As far as I can tell, Keith's assessment is accurate. Although there are provisions that protect a cable system from being required to carry two stations that carry the same programming 100% of the time. For example, a cable system located between WKPD-29 Paducah and WKMU-21 Murray would not be required to carry both stations, since they have exactly the same programming. I believe WPTO-14 and WPTD-16 also simulcast, so the Middletown system wouldn't have to carry both stations.

Keith also asks whether a cable system would be expected to carry all LPTVs in a market. Usually, no. There are specific situations under which a cable system will be required to carry a LPTV, but only in small markets. Unfortunately, again I don't have the details.

Matt Sittel, Tallahassee FL:

Matt provided a bunch of the LPTV info this month. He also logged an unID channel 2 CBS with a logo resembling WBAY's on May 15--however, WBAY was to have switched to ABC following CBS's purchase of WFRV in that market. Does anyone know if WBAY had indeed switched to ABC by May 15? (they have switched as of this writing, on June 9, as they took an ad in *Broadcasting & Cable* calling themselves an ABC affiliate)

Bill Nienajadly, Clifton NJ:

(Congrats on the new ham call!) A jury has been chosen to hear the securities fraud case of "Crazy Eddie" Antar. Uh, oops, wrong side...

AT&T told the *NY Post* that they've come up with a "video server". This device, installed in a telephone company central office or cable system headend, would allow "video on demand", where a viewer could order a specific movie at a specific time.

Also, Garfield the cat has been accused of ratings tampering. The oversized feline opened the May 22 episode of his Saturday morning cartoon show by saying "Hi everyone, and a special welcome to Nielsen families!". Appealing directly to ratings diary keepers is a serious no-no... CBS told the Post they weren't aware of Garfield's misdeed, and will "toss the segment in its corporate litter box..."

Dave Sinclair, Vancouver BC:

"Enclosed is an interesting item about wireless cable television which just recently came to my attention." From the March 20-27 *Toronto Star* TV section, "Rural viewers must wait a little longer for more choice"..

While there are, according to Dave, approximately 80 operating systems in the USA (formally known as Multichannel Multipoint Distribution Systems, or MMDS), the CRTC has yet to authorize widespread use of the technology in Canada. Problems include a shortage of frequencies, pending changes in technology (mostly, video compression), and the ongoing government review of Canadian television.

CONVENTION

By the time you see this, you'll have about two weeks to get in your pre-registrations. So far, Nashville's big conventions (Summer Lights, Fan Fair) have been extraordinarily successful-- WTFDA Nashville '93 won't be as big, but it'll be more fun! See y'all there!

73 Doug

TV STATISTICS

DAVID J. NIEMAN
12284 NICE ROAD
AKRON NY 14001-9529

DEADLINES are the 5th of DECEMBER, MARCH, JUNE & SEPTEMBER

DXers Name		DXers Location		Log Total	UHF	LPTV xtlr	Es	MS	AU	USA	CN	MX	OF	TPU	YB	as of:
Kadet	Jeff	IL	Macomb	1307	837	359	234	3	0	46+	7	9	5	68	83	04/01/93
Siegel	Gary	OH	Toledo	610	283	34	143	0	0	39+	6	1	2	49	70	04/10/93
Lapinski	Mike	NY	Jamestown	581	409	77	70	1	0	37+	6	0	3	47	78	04/23/93
Kramer	Robert	IL	Chicago	552	302	56	103	30	0	39+	7	0	4	51	71	04/13/93
Nieman	Dave	NY	Akron	547	359	75	89	5	0	37+	6	0	0	44	84	05/31/93
Combs	John	FL	Orlando	461	235	62	129	13	0	30+	2	6	9	48	72	05/23/93
Coniglio	Greg	NY	Williamsville	366	212	25	85	0	0	33	6	0	2	41	86	05/12/93
Bryant	Tom	TN	Nashville	359	164	16	76	3	0	30	4	4	1	39	64	05/14/93
Garcia	Fernando	NL	Cd. Guadalupe	340	191	23	61	0	0	28	0	5	4	37	91	04/24/93
Norquist	Fred	NY	Clay	340	199	21	72	3	0	34+	6	0	1	42	69	04/27/93
Hepburn	Bill	ON	Brampton	311	216	34	47	0	0	29	5	0	0	34	85	05/31/93
Sittel	Matt	FL	Tallahassee	212	160	22	1	0	0	9	0	1	0	10	92	04/15/93
Nieman	Dave	NY	Rock City	161	111	23	5	0	0	10+	2	0	0	13	91	05/31/93
Allen	Doug	CO	Woodland Park	135	51	42	49	1	0	30	4	3	0	37	88	04/10/93
Renfrew	Jim	NY	Rochester	92	35	4	34	0	0	17	3	0	0	20	89	04/01/93

TV STATS COLUMN DEFINITIONS:

LOG TOTAL - Total number of TV stations logged from DXer's location (all loggings should be received within 25 mile radius of this location to count). Call letter changes don't count; channel changes do count as a new station.
UHF - All stations logged on channels 14 thru 83 including low power television (LPTV) and translators (xtlr) as per FCC definition.
LPTV/xtlr - All stations logged on channels 2 thru 83 which fall under that FCC definition.
NOTE: Count a station once and only in the original mode of propagation it was received in.
Es - Total number of stations logged via E-skip (single or double hop).
MS - Total stations logged by meteorscatter.
AU - Total stations logged by Aurora.
USA - Total number of United States logged and the "+" = logging Washington, DC.
CN - Total number of Canadian provinces logged.
MX - Total number of Mexican states logged.
OF - Total number of Other Foreign countries (not stations) logged not to include USA, Canada or Mexico.
TPU - Is USA + "+" + CN + MX + OF = Total Political Units
YB - The year you began DXing from that location.
as of: - Totals are as of: month/day/year.

Thanks to all of you who have updated your TV stats. Above is a list of definitions used in the TV STATS column. They are similar to whose used in the FM STATS column. I hope this will clear up any confusion there may have been.

I received one suggestion to change the auroral loggings column to one for F2 loggings since there may be more by that mode of reception. Are there any others who feel the same; let me know.

Below are your grid coordinates; check them for accuracy, add them to your update if they are missing.

KEY TO DXERS INITIALS/LOCATION/GRID COORDINATES

INIT	DXERS NAME	DXERS LOCATION		LAT. DEG	LAT. MIN	LONG. DEG	LONG. MIN
DAL	Doug Allen	CO	WoodlandPark	39	00	105	03
DNI	Dave Nieman	NY	Akron	42	58	78	32
DNI2	Dave Nieman	NY	Rock City	42	01	78	28
FGA	Fernando Garcia	NL	Cd. Guadalupe				
FNO	Fred Nordquist	NY	Clay	43	08	76	08
GSI	Gary Siegel	OH	Toledo	41	41	83	30
GCO	Greg Coniglio	NY	Williamsville	42	59	78	41
JCO	John Combs	FL	Orlando	28	32	81	23
JKA	Jeff Kadet	IL	Macomb	40	30	90	40
JRE	Jim Renfrew	NY	Rochester	43	07	77	36
MLA	Mike Lapinski	NY	Jamestown	42	06	79	19
MSI	Matt Sittel	FL	Tallahassee	30	28	84	18
RKR	Robert Kramer	IL	Chicago	41	51	87	38
TBR	Tom Bryant	TN	Nashville	36	08	86	52
WHE	William Hepburn	ON	Brampton	43	41	79	47

WESTERN TV-DX

Fred McCormack
PO Box 65666
St. Paul MN 55165-0666

(612) 735-6860

Deadline: 08-12-93
July 1993 Cut-off: 05-01-93

E skip got started around mid-May and was reported on the following dates: 13-17, 21-25, 29, and 31. Jeff Kruszka says "THE WORST May ever for E skip." However, more northerly DXers probably found May to be fairly typical.

This month we welcome a new reporter to Western TV-DX, Robert Delaney from Mt. Vernon, Illinois. It's good to have you with us and we're looking forward to hearing from you often.

New____ New Mode_ _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - $

YN Yucatan

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549) MST/MDT

Equipment:
Icom R-7000, 1981 Magnavox b&w TV, Antennacraft Y10-10 and 10G205C preamplifier at 25' and Channel Master 7' dish and BT CMA-Uc preamplifier at 28'.

February 1993
4 tr 1200 KHNE 29 NE 390
(Regular)
9 gw 1819 K44CT 44 CO 70
(Boulder KRMA- 6)
2210 K17CF 17 CO 75
(Boulder TBN)
tr 2238 K38CT 38 CO
(Fort Collins relig)
11 tr 1200 KCIT 14 TX 309
12 tr 1630 KLNE 3 NE 314
1730 KOTA 3 SD 364

April 1993
10 tr 1939 K14-- 14 ??
(See Note # 1)
20 (See Note # 2)

27 tr 2159 K50AA 50 CO 120
(Eads KOAA- 5)
2200 K52AA 52 CO 120
(Eads KKTV-11)
2201 K56AG 56 CO 120
(Eads KTSC- 8)
2210 K55AK 55 CO 155
(Lamar KKTV-11)
2256 *K60AMt 60 CO*
(Cheyenne Wlls KOAA-5)
28 tr 0735 K14-- 14 ??
(See Note # 3)
0738 KGWC 14 WY 268
gw 1220 K33DN 33 CO 50
(Denver TBN)
1248 K44CI 44 CO 60
(Alamosa KRDO-13)

28 tr 1250 *K53ARt 53 CO*
(Salida KTSC- 8)
1300 *K42CTt 42 CO*
1305 (See Note # 4)
1930 K27DU 27 CO 20
(Col Srings Spanish)
Es 2030 (See Note # 5)
29 tr 0830 K14-- 14 ??
(See Note # 6)
0900 K67AH 67 CO 130
(Las Animas KRDO-13)
0915 K65AJ 65 CO 130
(Las Animas KKTV-11)
0930 K69AN 69 CO 130
(Las Animas KTSC- 8)
2010 (See Note # 7)

Note # 1 - Colorado or Wyoming. CBS peaks north. + offset.
Note # 2 - 04/20: put up Channel Master 7 foot dish, but lost rotator same day! 04/26: put up another rotator.
Note # 3 - Colorado or Wyoming. Occasional audio parallel to KGWC-14 or KUSA-9. Peaks 350°, same as Casper, but + offset.
Note # 4 - K42CX, Cripple Creek, Colorado apparently silent. Channels 55, 57, and 59 strong.
Note # 5 - Crossbars on channel 2 and a 50 MHz contact into San Antonio are the first sporadic E of the new season for me!
Note # 6 - Colorado. Parallel to KCNC-4. Peaks 330°. Not yesterday's channel 14 which peaked further north and was also + offset, but 4 KHz less offset than today's station.
Note # 7 - 2010-2210+ - Crossbars on channel 2 and occasional unid picture on channel 3. Made 11 contacts on 50 MHz into Texas, Oklahoma, Arkansas and Louisiana with signals peaking S9+. Band still open when I went to bed at 2210.

No good tropo yet as unsettled weather and fast moving weather systems have not allowed any ducting, but I'm ready! For the first time, I think my UHF DXing antenna and receiver equals my FM DXing equipment which has worked very well (FM-13 and IF modified tuners). I'm still fishing around and finding new LPTVs and translators with the Channel Master dish and R-7000. The call letters are from my database which may be out of date since some stations seem to change affiliation frequently, and I assume they change call letters when they change affiliation such as Colorado Springs K38CU "Jukebox"

Doug Allen (continued) which has changed to TBN. (They do not change call letters unless a permit/license is cancelled and a new applicant goes through the process of applying for and receiving a new permit. This does not happen when a permit/license is transferred. fm)

The Channel Master 7' dish, a gift from a ham friend, is more ruggedly constructed than the Antennacraft version, and in side-by-side comparison, I found signals on the channel Master dish to be in all cases at least as strong as on the Antennacraft dish and in some cases a little stronger.

(The above portion of Doug's report, including some pre-cutoff loggings, was received late for the June column due to a Postal Service error. Regarding the reported logging of K38CT and the tentative logging of K42CT, I have advised Doug that FCC microfiche since 08/31/91 imply that these two may have been cancelled. Doug is doing some additional checking. fm)

May 1993

4 gw 0200 K60AM 60 CO 135
(Cheynne Wlls KOAA- 5)
0210 K63AF 63 CO 130
(Las Animas KOAA- 5)
(K63DW off air)
0220 K67AQ 67 CO 110
(Flagler KMGH- 7)
0230 K69AX 69 CO 110
(Flagler KUSA- 9)
0710 K25-- 25 CO
(Unknown KCNC- 4)
0722 K65AO 65 CO 110
(Flagler KRMA- 6)

4 gw 0730 K23-- 23 CO
(Unknown KTSC- 8)
5 tr 0745 K67-- 67 CO
(Unknown KTVS- 3)
0755 K16-- 16 CO
(Unknown KCNC- 4)
0809 K48DW 48 CO 120
(Eads KXRM-21)
17 tr 1010 *KOKHt 25 OK*
1025 *KOCBt 34 OK*
1035 *KTLCt 43 OK*
(See Note # 8)
20 tr 2015 KCIT 14 TX 308

20 tr 2020 KHNE 29 NE 390
(See Note # 9)
21 Es 2200 WISC 3 WI 855
tr 2300 K23AH 23 NE 250
(Wallace KGIN-11)
2330 *KCLOt 15 SD*
(Very weak audio
-K15BX off air)
29 tr 0430 KSNK 8 NE 241
0750 KSNG 11 KS 242
0751 KUPK 13 KS 256
(See Note #10)
0919 KSAS 24 KS 418

Note # 8 - These three stations peaked above noise, along with KATT-100.5, off and on for an hour. Will call them tentative until I hear a legal ID.
Note # 9 - These stations usually peak well above the noise around sunset when the rapidly cooling earth creates a temperature inversion.
Note #10 - These two (KSNG/KUPK) were stronger than the local Colorado Springs stations.

Lots of E skip on channels 2 and 3. Some of my neighbors blame the frequent E skip interference to Denver channel 2, KWGN, on my ham radio (50 MHz) communications! That I had such power! Some neighbors do experience TV interference when my legal and properly functioning 50 MHz or other amateur band signals "overload" their TV receivers or even their telephones and or other electronic equipment. Both they and I are victims of design compromises (insufficiently shielded and filtered electronics), and the FCC holds me blameless. Oh great, but I have to live with my neighbors, so I've voluntarily spent over $150 providing cooperative neighbors with high pass and other filters which eliminate or substantially reduce the interference due to what the FCC terms "improperly functioning" TV receivers that overload when strong out-of-band signals are present. In the case of telephones and other electronic devices that are not intended to be receivers, the FCC advises me to tell the consumer to contact the manufacturer for modification of the defective design. And you thought you had problems! Anyway, very little tropo here beyond the normal tropo scatter range. Looking forward to seeing you all in Nashville. 73, Doug

(Doug indicated that the unids on channels 16, 23, and 25 peaked from the south or off Pike's Peak. The unid on channel 67 peaked at 125°. fm)

Marvin Shults, RR #1, Toulon IL 61483 CDT

May 1993
13 Es 1958 WPBT 2 FL 1180
1959 WEDU 3 FL 1010
WTVJ 4 FL 1180
16 Es 2000 CKKX 2 AB 1345
2100 KRTV 3 MT 1140
21 Es 2030 CKKX 2 AB 1345

21 Es 2052 C---- 3 ??
(// CKKX)
2122 KWGN 2 CO 810
23 Es 0930 WDIQ 2 AL 685
0959 unid channel 2
(Full color bar)
1128 WPBT 2 FL 1180

23 Es 1159 KACV 2 TX 760
1229 KWGN 2 CO 810
1230 KUTV 2 UT 1160
1232 KIDK 3 ID 1170
1259 KENW 3 NM 915
1329 KTWO 2 WY 850

(Nice to hear from you Marvin. I note that you last appeared on these pages in August of 1990! Keep the reports coming. fm)

Robert Delaney, RR#4 Box 385, Mt. Vernon IL 62864 (KA9UVY) (618-242-7256) CST/CDT

Equipment:
1990 Zenith 13" color SS 1311W, Emerson 885 VCR. UHF ant: Archer U120 @ 87' agl, UA 900 preamp, RG-11 coax. VHF ant: rotatable vertical dipole @ 25' agl for E skip, CM 3608 @ 55' agl. Camera: Pentax K 1000 with Kodak Gold Plus 200.

March 1993
18 tr 0640 WVEU 69 GA 405
0645 WBMG 42 AL 355
0700 WTJP 60 AL 340
0715 WAFF 48 AL 280
20 tr 0550 WHLA 31 WI 400
0559 WHA 21 WI 330
0600 KYOU 15 IA 260
0610 KYFC 50 MO 305
KSMO 62 MO 305
27 tr 0400 WAQP 49 MI 425
0442 WEYI 25 MI 435
0450 W69BJ 69 MI 380
(Lansing WAQP-49)
0500 WSYM 47 MI 365
0525 WBSX 31 MI 380
0527 WSMH 66 MI 425
0530 WPTA 21 IN 275
0550 WGBA 26 WI 420
0600 WGVK 52 MI 325
WGVU 35 MI 355
WMVT 36 WI 335
0603 WOTV 41 MI 345
0605 WLAJ 53 MI 365
0610 WMTV 15 WI 330
WMSN 47 WI 330
WANE 15 IN 275
0612 W68AA 68 IL 140
(Danville WAND-17)
0648 WLLA 64 MI 345
0700 WTLJ 54 MI 355
0850 WGKI 33 MI 445
28 tr 0030 KDUB 40 IA 305
0100 WLEF 36 WI 530
W64AU 64 WI 395
(Adams WHRM-20)
0520 KLGT 23 MN 515
28 tr 0539 WHLA 31 WI 400
0540 WLAX 25 WI 400
0600 WMSN 47 WI 330
KYOU 15 IA 260
K44DO 44 MO 200
(Osage Beach KNLJ-25)
0605 KYFC 50 MO 305
0620 WMTV 15 WI 330
0630 W47AZ 47 IN 180
(Indianapolis VJN)

April 1993
3 tr 0435 WVEU 69 GA 405
0438 WATL 36 GA 400
0445 WHSG 63 GA 420
0452 WDCO 29 GA 515
0558 WTCI 45 TN 295
7 tr 0500 KETK 56 TX 560
0530 KLRT 16 AR 315
12 tr 0358 KMCI 38 KS 340
0359 KSNF 16 MO 320
0400 KDEB 27 MO 230
K52DHt 52 MO
(Springfield TBN)
0405 KHOG 29 AR 325
0519 KSHB 41 MO 310
0520 KTKA 49 KS 380
0532 KOZJ 26 MO 320
0535 KOZK 21 MO 230

May 1993
9 tr 0550 WHA 21 WI 330
KYOU 15 IA 260
0555 WMSN 47 WI 330
0610 WMTV 15 WI 330
0630 W54BE 54 IL 240
(Sugar Grove LPTV)
13 Es 1930 WTVJ 4 FL 990
2000 WPBT 2 FL 990
15 Es 0720 CKCK 2 SK 1130
16 Es 2130 CKND2 2 SK 990
2155 KXMA 2 ND 915
17 Es 0730 W64AV 64 KY 125
(Hopkinsville WKMA-35)
19 tr 0505 WPTD 16 OH 270
0528 WSMV 4 TN 185
21 gw 0500 unid channel 24
(See Note # 1)
Es 2037 CFQC1 3 SK 1320
22 Es 0650 KBCI 2 ID 1455
(See Note # 2)
tr 0705 W64BK 64 IL 150
(Bloomington WWTO-35)
Es 1036 KUTV 2 UT 1245
gw 1550 W24BP 24 IL 40
(Flora LPTV)
23 Es 0930 KUTV 2 UT 1245
1029 KSWK 3 KS 665
1126 KTVS 3 CO 765
1130 KCWC 4 WY 1080
1230 KOTA 3 SD 840
24 tr 0545 KEMV 6 AR 255
Es 1230 KASA 2 NM 990
26 tr 2000 KYTV 3 MO 235
2200 Atlanta UHFs
PM Chattanooga UHFs
27 tr 0605 WKPI 22 KY 355
0655 KMOS 6 MO 235
0730 KTLC 43 OK 510
0755 KRSC 35 OK 390
AM Kansas City UHFs
N Arkansas UHFs

Note #1 - Running Main Street TV network on right hand side of the screen and "TV 24 GET THE WHOLE PICTURE SOON" on the left hand side. (W24BP, Flora IL)
Note #2 - ID bars seen through local KTVI 2.

I am pretty new to working E skip and had a real nice opening here on May 23 with the MUF above channel 5 to the northwest. Got two new states here, Colorado and Utah. States now at 30 and stations photographed at 421. 73 de Bob ....

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718) CDT

Equipment:
General Electric 19EC0740W (1980) - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

May 1993
16 Es 2057 CKKX 2 AB 1015
2126 WKRG 5 AL 1155
2200 WDIQ 2 AL 1115
22 Es 2118 KREM 2 WA 1150
23 Es 1028 KDTN 2 TX 1020
23 Es 1100 KDFW 4 TX 1020
1300 KDTN 2 TX 1020
1400 KDFW 4 TX 1020
unid channel 2
1800 KREM 2 WA 1150
29 Es 0122 CKSA 2 AB 880
0143 CKKX 2 AB 1015
2210 chs 2-4 weak
31 Es 0930 KUTV 2 UT 1065
(See Note # 1)

John Ebeling (continued)

Note #1 - Rather a weird minor opening. About one hour later had Nevada on FM; KNPR, Las Vegas on 88.5 and KBXS 92.7 Ely giving weather for Nevada. Atlas says 320 W; did not look through Media to see if it has upgraded! Very weak TV E skip at the time!! So one never really knows.

DX from Bloomington on May 13:

13 Es 2257 unid channel 3 (I probably had KLEW-3 Lewiston ID, but my snowy reading was noted as KREW). PBS station.
2302 KIDK 3 ID - News 3 Nightside news starting.

Robert Kramer, Box 8244, Chicago IL 60680 (N9MBK) (312-262-6299) CST/CDT

Equipment:
R-7100, 1978 RCA black & white, Sony 1923 19" color, 1977 Sony black and white, Mitsubishi HS-422UR Stereo VCR, Mitsubishi HS-U57 Stereo VCR, Archer U-120 UHF yagi at 68' with Winegard AP4700 preamp, Archer V-185 VHF log periodic at 58', both fed with RG-11 coax, Archer adjustable preamp (Model 15-1113A), Alliance HD-73 rotor, Ricoh XRM camera loaded with Kodak T-Max 400 film.

March 1993

26 tr 0401 WXON 20 MI 241
0405 WBSX 31 MI 204
WUAB 43 OH 292
0413 WTVS 56 MI 241
0417 WQHS 61 OH 317
0424 WOIO 19 OH 317
0515 WNWO 24 OH 219
0527 WVIZ 25 OH 317
0545 WGTE 30 OH 219
1128 WBGU 27 OH 215
1131 WFUM 28 MI 220
1158 CKCO3 42 ON 284
1531 WEYI 25 MI 219
WAQP 49 MI 219
1555 WBNX 55 OH 330
1622 WUPW 36 OH 219
1646 CBLN 40 ON 340
1652 CIII29 29 ON 284
1657 WJRT 12 MI 220
1715 CIII22 22 ON 261
1806 KIIN 12 IA 202
KYIN 24 IA 296
2012 KITN 29 MN 351
2030 WLAX 25 WI 225
WHLA 31 WI 225
2106 KXLI 41 MN 413
2128 WXOW 19 WI 225
W33AX 33 WI 120
(Madison TBN)
2158 WKBT 8 WI 225
2330 WRGT 45 OH 241
27 tr 0005 WUSI 16 IL 227
0017 W29BG 29 IL 174
(Decatur TBN)
0050 WHSL 46 IL 269
0100 W34AY 34 IL 120
(Champaign TBN)
0124 KDNL 30 MO 267
0138 W39BH 39 IL 120
(Champaign HSS)
0245 W28BE 29 IL 186
(Springfield Catholic)
0300 W33AY 33 IL 186
(Springfield HSS)
0316 KNLC 24 MO 267
27 tr 0330 K21OD 21 MO 267
(St Louis HSS)
0341 W28AI 28 IL 242
(Salem TAB)
0523 WKBN 27 OH 373
0535 KBSI 23 MO 336
0548 WFIE 14 IN 277
0552 WXON 20 MI 241
0830 WYTV 33 OH 373
1730 CBLN4 45 ON 343
1800 LaCrosse Us 225
1905 K41AD 41 IA 207
(Lansing KYIN-24)
1933 WHWC 28 WI 293
2025 KYOU 15 IA 255
2110 KITN 29 MN 351
2115 W68BR 68 IL 78
(Rockford WCFC-38)
2228 KSMQ 15 MN 297
28 tr 0030 W28BE 28 IL 186
0038 W33AY 33 IL 186
0200 KXLI 41 MN 413
0243 KJMH 26 IA 200
0320 KPLR 11 MO 267
0350 KTEJ 19 AR 450
0407 WTCT 27 IL 298
0419 K18BT 18 MO 267
(St Louis TBN)
0451 KNLJ 25 MO 335
0527 WKPC 15 KY 278
0531 KBSI 23 MO 336
2039 W69BT 69 IN 82
(South Bend WCIU-26)
29 tr 2100 W40AK 40 MI 118
(Muskegon LPTV)

April 1993

13 tr 1650 W24BO 24 MI 113
(Kalamazoo WTLJ-54)
1755 W24AI 24 IN 47
(Michigan City TBN)
(See Note # 1)
30 tr 0402 WUPW 36 OH 219
WXON 20 MI 241
0408 WUAB 43 OH 292
0500 WGKI 33 MI 200
30 tr 0525 WBGU 27 OH 215
0527 WGTE 30 OH 219
0530 WTLW 44 OH 204
0533 WBSX 31 MI 204

May 1993

6 tr 0012 W40AY 40 MI 233
(Traverse Cty WGKI-33)
0055 KXLI 41 MN 413
0115 KITN 29 MN 351
0128 W42-- 42 WI?
(See Note # 2)
0153 WXON 20 MI 241
CBLN 40 ON 340
0154 W48AV 48 MI 250
(Detroit Religious)
0155 CIII29 29 ON 284
CBLN4 45 ON 343
0156 CIII22 22 ON 261
WADL 38 MI 241
WKBT 8 WI 225
0200 WBSX 31 MI 204
0205 WTOL 11 OH 215
KARE 11 MN 351
0215 WEYI 25 MI 219
WAQP 49 MI 219
WUPW 36 OH 219
0225 W44BF 44 WI 225
(La Crosse TBN)
0230 WGTE 30 OH 219
WUAB 43 OH 292
0250 CBLN2 34 ON 284
0330 W33AX 33 WI 120
0353 KTTC 10 MN 284
0415 CIII41 41 ON 436
0425 WJRT 12 MI 220
0430 CIII27 27 ON 502
0431 WTLW 44 OH 204
0441 WOIO 19 OH 317
0455 KSAX 42 MN 472
WHWC 28 WI 293
0527 KVRR 15 ND 572
KYOU 15 IA 255
0530 WGTU 29 MI 233
WBGU 27 OH 215

Robert Kramer (continued)

6 tr 0545 W46AD 46 MI 233
(Traverse Cty WCMW-27)
0550 W69BJ 69 MI 177
(Lansing WAQP-49)
6 tr 0602 W59CA 59 MI 174
(Jackson WAQP-49)
0613 W64-- 64 WI
(See Note # 3)
0627 WEUX 48 WI 283
0705 WNWO 24 OH 219
6 tr 0726 CITY2 31 ON 366
0745 CKCO3 42 ON 284
0801 WUCM 19 MI 229
0830 WDIV 4 MI 241

Note #1 - cw IDs noted every 54 minutes. I previously noted W25BM with cw every 56 minutes.
Note #2 - TBN aiming northwest. Fairly strong, probably in WI, though cx were also were good to MN. (Presumably W42AF in Ripon. fm)
Note #3 - XLTR of WHRM-20. Was alternating back and forth between WHRM and WYCC-20. (Presumably W64AU in Adams. fm)

Quite a bit of tropo activity lately. I got the new R-7100 just in time for the May 6 opening. It is quite an amazing receiver. I can get audio with full quieting on it, with no sign of any picture on my other TV sets (not ever horizontal lines). I can even get audio on channel 14 without any interference from the local police calls there (although the picture gets messed up). It should be a good addition to the shack. I will be installing my new antenna system soon. I already have a Channel Master 1110 VHF. I am waiting for the UHF Quantum to arrive from Rich Wertman. For those looking for a VCR that does not have the blanking signal installed, the Mitsubishi HS-U57 Stereo VCR has a defeatable blanking circuit. It is a high end priced VCR however (mine cost $550 at a discount dealer). 73 RK.

Jeff Kruszka, 7706-M N Jefferson Place Cir, Baton Rouge LA 70809 (504-923-0196) CDT

Equipment:
1992 Zenith "Sentry 2" 13" color TV (Model #S1318S). UHF: RDX Labs UA-900 preamp, Channel Master 4228A 8-bay @30 ft. VHF: Rabbit ears + quad loops for chs. 3 and 5. Mitsubishi HS-U31 VCR.

May 1993

5 tr 0008 KXAN 36 TX 395
0638 K47DW 47 LA 105
(Alexandria WNTZ-48)
(See Note # 1)
0639 KHSX 49 TX 375
2140 WBBH 20 FL 620
2211 WOFL 35 FL 595
2216 unid 52
(See Note # 2)
2222 WACX 55 FL 565
2330 WFTS 28 FL 550
2332 WBHS 50 FL 550
8 tr 0552 @WFSU 11 FL 405
0820 unid 6 ABC
13 Es 0725 *WUNCt 4 NC*
1952 WUNC 4 NC 790
1955 WBTV 3 NC 680
2002 WRAL 5 NC 810
2028 WWAY 3 NC 810
16 tr 0830 *KCTFt 34 TX*
0859 KLRT 16 AR 305
16 tr 0859 KASN 38 AR 270
17 tr 0025 KAVU 25 TX 370
0028 KLDO 27 TX 540
KABB 29 TX 445
0035 KVUE 24 TX 395
0036 K17BY 17 TX 445
(San Antonio GLA)
(See Note # 3)
0043 KXXV 25 TX 360
KBVO 42 TX 395
KWEX 41 TX 445
0048 KXAN 36 TX 395
0105 KTBC 7 TX 395
0112 KRRT 35 TX 475
0115 KNVO 48 TX 525
0118 @KTXA 21 TX 395
("Paramount 21")
0126 KXAM 14 TX 445
0135 @KVEO 23 TX 500
0149 @KDTX 58 TX 365
0152 K31AI 31 TX 265
(Huntsville TBN)
17 tr 0202 K30CE 30 TX 395
(Austin UNI)
0209 K16BY 16 TX 265
(Crockett LPTV)
(See Note # 4)
0220 @KDAF 33 TX 365
0223 K33CK 33 TX 445
(San Antonio TBN)
0225 KHSX 49 TX 375
0230 K33DB 33 TX 255
(Houston Galavision)
(See Note # 5)
0239 KLSB 19 TX 225
(u/W19AW)
0253 KMOL 4 TX 445
0256 KENS 5 TX 445
0306 @KXAS 5 TX 395
0743 KVDA 60 TX 445
2313 KPRC 2 TX 255
(u/WBRZ)
18 tr 0006 KBTX 3 TX 310

Note #1 - They used to be a xltr for KADN-15 (Fox), now they are a xltr for WNTZ-48 (also Fox), with WNTZ IDs (and WNTZ-48 is now a satellite of KADN-15 according to Television Factbook. fm)
Note #2 - Had audio of HSC or similar-type programming under local channel 52. What is this?
Note #3 - Assumed, running ECO news for several hours with no IDs (programming matches TV listings from San Antonio paper).
Note #4 - Running a community access-type billboard, very weak. Could make out "Crockett Public Library," and a local phone # which I confirmed the location of the next day.
Note #5 - Local WVLA off at this time. I actually had 4 stations coming in on ch. 33 about the same time; the 4th one had a gray scale CB, no calls. K33DB was running ECO news, and a check of ch. 49 for KTFH, their parent, revealed only KHSX on, which confused me. A trip to Houston verified what

Jeff Kruszka (continued)

was going on: KTFH does indeed sign off at 0200 while K33DB runs all night (24 hrs, in fact) with Galavision programming.

A pretty fair month for trops, but THE WORST May ever for E-skip. What is going on? I keep thinking that the E-skip season can't get any worse (after 2 rotten seasons), but we get proven wrong again. My previous Es drought record was 16 days in June of 1990, now at 18 days as of 5/31. My log is up to 187, though. I've accomplished in 3 months what it took me 3 years to get in New Orleans!

William Eckberg, 1032 Sterling Road, Dixon IL 61021 CDT

Equipment: See June 1993 Western TV-DX.

May 1993

6	tr	0555	W48AP	48	OH	294	23	Es	1200	KOAA	5	CO	828	25	Es	1335	CBCP3	3	SK 1002
		(Toledo				VJN)				KNME	5	NM	1026	28	tr	2200	KXNE	19	NE 402
14	Es	1820	KMID	2	TX	967			1305	KDTN	2	TX	719	29	Es	1835	KNAZ	2	AZ 1258
21	Es	2135	KWGN	2	CO	811			1330	KTWO	2	WY	849	30	tr	0100	W64BK	64	IL 82
23	Es	1055	WPBT	2	FL	1229			1400	KACV	2	TX	803				(Bloomington		WWTO-35)
		1100	KMID	2	TX	967	25	Es	1200	CKSA	2	AB	1206			0335	W29AX	29	MI 258
		1130	KASA	2	NM	972			1225	CKCK	2	SK	918				(East Lansing		TBN)
		1200	KSWK	3	KS	669			1300	CFQC1	3	SK	1120						
										CJFB2	2	SK	997						

Channel 2, Santa Fe, has new call letters. I now have 4 pictures of their various IDs.

During a May 25 E skip opening I noted parallel programming on channels 2 and 3 with a CJFB-5 ID. Channel 3 could only be CBCP3, Ponteix, Saskatchewan. I've received them before. Channel 2 could be 2.45 KW CBCP2, Cypress Hills, or 5 KW CJFB2, Val Marie. I've seen neither before. I counted the latter. It has twice the KW and is 40 miles from Ponteix. I hope my conclusion is accurate.

I think WWTO-35 has a translator in Bloomington, Illinois, on channel 64 Is the call W64BK correct? (I believe so. fm). I heard new for Bloomington and WWTO-35.

WCPO-9, Cincinnati, was seen for the first time in 30 years Saturday, May 29, at 0450 and Sunday, May 30, at 0435. An excellent DX target with its central US location. They use a large distinctive ID continuously. Most likely only on weekends.

Fernando Garcia, Apartado 30, Suc. B, Cd. Guadalupe, N.L., 67181, Mexico HCM

Equipment:
Sony 27EXR15, 8 bow tie UHF array at 45', RG-6, amplifier Archer 15-1108 and rotor. Sony KV-13TR27, Archer V-185 at 30', RG-59, rotor.

April 1993

10	tr	0630	KADN	15	LA	637	11	tr	0005	K21DM	21	LA	584	11	tr	0520	@WPGX	28	FL 951
		2058	XHDH	11	YN	780			(Lafayette				VJN)			0525	$WBMG	42	AL 963
		2100	XHST	13	YN	780			0007	WMPV	21	AL	839			0530	$KVHP	29	LA 528
		2105	XHTP	9	YN	780			0408	WVUE	8	LA	693			0543	WTWC	40	FL 1029
		2110	$KVHP	29	LA	528			0420	K14IE	14	LA	705			0545	KLPB	24	LA 566
		2135	KADN	15	LA	637			(New Orleans				HSS)			0605	$WHLT	22	MS 771
		2145	KITU	34	TX	497			0422	$WGBC	30	MS	830			0620	*WFXLt 31 GA*		
		2200	WMAU	17	MS	696			0423	@WHOA	32	AL	926			0635	unid ch 41 TBN		
		2205	$WVLA	33	LA	634			0424	WHBR	33	FL	836			0647	unid ch 51 FOX		
		2210	WLAE	32	LA	693			0427	KADN	15	LA	637			0650	WGNO	26	LA 693
		2212	WNOL	38	LA	693			0430	WDBD	40	MS	749			0653	WXTX	54	GA 1035
		2215	KLTL	18	LA	547			0437	unid ch 36 TBN						0700	WTLH	49	GA 1025
		2225	KLAX	31	LA	618			0440	@WAPT	16	MS	749			0707	unid channel 52		
		2230	WLPB	27	LA	587			0441	K59DG	59	LA	705				(See Note # 1)		
		2231	KDTX	58	TX	519			(New Orleans				TBN)			0730	K55EX	55	LA 705
		2235	KNCT	46	TX	401			0442	@WFSG	56	FL	1010			(New Orleans			tourism)
		2240	KTXA	21	TX	519			0445	@KFDM	6	TX	491			0740	WABM	68	AL 966
		2245	KWKT	44	TX	429			0450	$WMAU	17	MS	696			0745	*WRJMt 67 AL*		
		2255	KDAF	33	TX	519			0452	KLAX	31	LA	618			0750	K46CR	46	LA 640
		2330	WGNO	26	LA	693			0454	$WNOL	38	LA	693			(Baton Rouge			VJN)
		2350	WAPT	16	MS	749			0500	$WVLA	33	LA	634			0754	K56DR	56	LA 640
11	tr	0000	WDBD	40	MS	749			0505	K46CR	46	LA	640			(Baton Rouge			TBN)
									(Baton Rouge				VJN)			0800	$WLOX	13	MS 758

Fernando Garcia (continued)

11 tr 0810 KATC 3 LA 566
(Audio o/local)
0815 WYES 12 LA 693
0830 WVUE 8 LA 693
0831 W45AA 45 MS 740
(Columbia WMAH-19)
0835 WDHN 18 AL 982
0900 WFGX 35 FL 889
0905 *WNTZt 48 MS*
0920 WMPN 29 MS 743
0921 W29BH 29 MS 845
(Biloxi TBN)
0923 $KXXV 25 TX 432
0931 WPMI 15 AL 836
0932 $WMAW 14 MS 802
0940 KLFY 10 LA 575
(Over local)
1000 $WBBH 20 FL 1144
1001 WJTC 44 FL 845
1105 WBHS 50 FL 1116
1110 WHBR 33 FL 836
1120 WFTX 36 FL 1140
1130 unid channel 33
(See Note # 2)
1200 WSFP 30 FL 1144
1201 WFSG 56 FL 1010
1300 WWSB 40 FL 1106
1320 $KWKT 44 TX 429
1720 WMPV 21 AL 839
1730 WGNO 26 LA 693
1800 $WMAH 19 MS 771
1810 $WVLA 33 LA 634
1815 WPMI 15 AL 836
1820 WHBR 33 FL 836
1830 WEIQ 42 AL 823
2010 $WMAU 17 MS 696
2015 WTXL 27 FL 1029
2020 WBHS 50 FL 1116
2025 WTLH 49 GA 1025
2028 WGIQ 43 AL 985
2030 WFXL 31 GA 1066
2055 KNCT 46 TX 401
2105 WTWC 40 FL 1029
2120 $WABW 14 GA 1047
2140 K59DG 59 LA 705
2145 $WBBH 20 FL 1144
2155 WVUE 8 LA 693
2200 WSFP 30 FL 1144
2210 WDHN 18 AL 982
2215 $WSRE 23 FL 855
(SAP w/weather)
2228 KTAB 32 TX 460
2230 $KVHP 29 LA 528
2240 WFGX 35 FL 889
2250 WGBC 30 MS 830
2310 unid ch 21 HSC
2312 WJKS 17 FL 1178
2315 WAPT 16 MS 749
2320 WXTX 54 GA 1035
2350 KFXK 51 TX 556

12 tr 0000 KTXA 21 TX 519
0010 KDFI 27 TX 519
0015 KDTX 58 TX 519
0025 KETK 56 TX 534
0029 KADN 15 LA 637
0040 WDBD 40 MS 749
0045 KLAX 31 LA 618

12 tr 0105 KMSS 33 LA 615
0110 KHSX 49 TX 519
0125 WFXL 31 GA 1066
0130 WFTS 28 FL 1116
0132 WFTX 36 FL 1140
0135 $WBBH 20 FL 1144
0140 $WTMV 32 FL 1134
0155 $WXXV 25 MS 761
0156 unid ch 23 TBN
0329 WJKS 17 FL 1178
0529 WJEB 59 FL 1178
0534 WFXL 31 GA 1066
0535 $WHLT 22 MS 771
0536 WMAH 19 MS 771
0537 WTXL 27 FL 1029
0538 WHBR 33 FL 836
0540 $WAWS 30 FL 1178
0545 WGBC 30 MS 830
0550 $WVLA 33 LA 634
0558 *WHOAt 32 AL*
0600 WBHS 50 FL 1116
0601 WLAE 32 LA 693
0608 WEIQ 42 AL 823
0610 WFSG 56 FL 1010
0612 WTWC 40 FL 1029
0615 WNFT 47 FL 1178
0620 WGNO 26 LA 693
0625 WTLH 49 GA 1025
0630 $WACX 55 FL 1181
0635 WXTX 54 GA 1035
0640 KETK 56 TX 534
0700 $K55-- 55 TX
(Unknown KIII- 3)
0701 WABM 68 AL 966
0706 KFXK 51 TX 556
0707 WIIQ 41 AL 873
0708 $WJKS 17 FL 1178
0710 KDFI 27 TX 519
0715 *WCFTt 33 AL*
0720 KMSS 33 LA 615
0730 KTXA 21 TX 519
0731 KHSX 49 TX 519
0800 WBMG 42 AL 963
0810 unid ch 15 ABC n
0816 KADN 15 LA 637
0822 WMCF 45 AL 966
0825 WDBD 40 MS 749
1901 $WVLA 33 LA 634
1905 KLPB 24 LA 566
2020 WMAH 19 MS 771
2021 WMAU 17 MS 696
2022 WGNO 26 LA 693
2025 WLAE 32 LA 693
2027 KADN 15 LA 637
2028 KITU 34 TX 497
2040 KLPA 25 LA 615
2045 KLAX 31 LA 618
2050 K55FV 55 TX 395
(Houston VVN)
2208 WBSG 21 GA 1172

13 tr 0245 WMPV 21 AL 839
0246 WDHN 18 AL 982
0247 WAPT 16 MS 749
0248 $WGBC 30 MS 830
0249 WFXL 31 GA 1066
0250 WHBR 33 FL 836
0252 WBRC 6 AL 970
0254 WJHG 7 FL 960
0258 WLOX 13 MS 758
0259 WKRG 5 AL 830

13 tr 0300 $WNOL 38 LA 693
0301 WDBD 40 MS 749
0313 WVUE 8 LA 693
0315 WGNO 26 LA 693
0328 KADN 15 LA 637
0337 KARD 14 LA 653
0345 WTXL 27 FL 1029
0350 WJKS 17 FL 1178
0402 WDBB 17 AL 938
0550 $WMAU 17 MS 696
0555 KLTL 18 LA 547
0558 WSFA 12 AL 954
0612 $WVLA 33 LA 634
0615 WTWC 40 FL 1029
0628 WLAE 32 LA 693
0630 $WABW 14 GA 1047
0645 $WCJB 20 FL 1122
0705 WFSG 56 FL 1010
0710 $WTMV 32 FL 1134
0712 WNFT 47 FL 1178
0715 WFXL 31 GA 1066
1945 $WVLA 33 LA 634
1950 KADN 15 LA 637
2000 KLPB 24 LA 566
2025 KLPA 25 LA 615
2030 KLAX 31 LA 618
2055 KTAB 32 TX 460

14 tr 0100 WMAU 17 MS 696
0650 WCFT 33 AL 923
0700 KITU 34 TX 497
2100 WMAH 19 MS 771
2115 XHDH 11 YN 780
WMPV 21 AL 839
2120 XHTP 9 YN 780
XHSTt 13 YN
2130 WGNO 26 LA 693
2135 WJKS 17 FL 1178
2145 WLAE 32 LA 693

16 tr 2125 $WSCV 51 FL 1240
2130 WBFS 33 FL 1227
2132 WDZL 39 FL 1243
2133 WLTV 23 FL 1243
2135 WHFT 45 FL 1243
2140 $WLRN 17 FL 1240
2157 unid channel 35
(ID as CBS-6)
2207 WNPL 46 FL 1153
2215 $WEVU 26 FL 1153
2217 WNOG 20 ??
2256 WTCE 21 FL 1231
2300 WFLX 29 FL 1237

18 tr 0600 KTAB 32 TX 460
0602 $KJTL 18 TX 597
0810 XHDX 11 YN 780
0825 *KADNt 15 LA*
1930 $WVLA 33 LA 634
2010 KPLC 7 LA 547
2020 KADN 15 LA 637
2022 $WMAH 19 MS 771
2035 WLAE 32 LA 693
2040 $KVHP 29 LA 528
2044 WMPV 21 AL 839
2050 WGMB 44 LA 631
2056 KITU 34 TX 497
2059 WGNO 26 LA 693
2100 WNOL 38 LA 693
2105 K21DM 21 LA 584
2110 KLTL 18 LA 547
2120 KLAX 31 LA 618
2301 WAPT 16 MS 749

Fernando Garcia (continued)

18 tr 2325 WDBD 40 MS 749
19 tr 0250 $KWKT 44 TX 429
0251 @KDAF 33 TX 519
0555 WAPT 16 MS 749
0559 WGBC 30 MS 830
0600 WDBD 40 MS 749
0604 KNCT 46 TX 401
0605 KDTX 58 TX 519
0610 $KXXV 25 TX 432
0612 $WVLA 33 LA 634
0615 $WMAU 17 MS 696
0619 KADN 15 LA 637
0620 WLAE 32 LA 693
0623 KVHP 29 LA 528
0630 KITU 34 TX 497
0650 KLPB 24 LA 566
0658 WGIQ 43 AL 985
0659 WFXL 31 GA 1066
0700 WXTX 54 GA 1035
0703 WMPV 21 AL 839
0705 WFSG 56 FL 1010
0707 KITU 34 TX 497
0713 $WHLT 22 MS 771
0715 WHOA 32 AL 926
K56DR 56 LA 640
1928 $WVLA 33 LA 634
1959 $KADN 15 LA 637
2045 WLAE 32 LA 693
2100 KLPB 24 LA 566
2110 WMPV 21 AL 839
2115 WFSG 56 FL 1010
2120 $WMAH 19 MS 771
2130 WFXL 31 GA 1066
2132 WFGX 35 FL 889
2150 KITU 34 TX 497
2200 $KVHP 29 LA 528
2205 WEIQ 42 AL 823
23 tr 0150 KITU 34 TX 497
0540 KTAB 32 TX 460
0557 K26AP 26 TX 447
(Brownwood TBN)
0558 KDAF 33 TX 519
0610 KFWD 52 TX 522
0612 KTXA 21 TX 519
0708 KDTX 58 TX 519
1850 $KXXV 25 TX 432
1855 $KWKT 44 TX 429
2010 KDAF 33 TX 519
2100 KARD 14 LA 653
2105 KLAX 31 LA 618
2115 KITU 34 TX 497
2116 WLAE 32 LA 693
2117 KADN 15 LA 637

23 tr 2120 KFXK 51 TX 556
2130 KMSS 33 LA 615
2145 WBHS 50 FL 1116
2154 WSFP 30 FL 1144
2156 WBBH 20 FL 1144
2210 $WVLA 33 LA 634
2225 WTWC 40 FL 1029
2228 WTXL 27 FL 1029
2230 WMAU 17 MS 696
2247 WJKS 17 FL 1178
2250 WTLH 49 GA 1025
2252 WMPV 21 AL 839
2259 WCOV 20 AL 954
24 tr 0140 $WGBC 30 MS 830
0142 WBMG 42 AL 963
0145 WTJP 60 AL 998
0150 $WVEU 69 GA 1100
0151 $WTBS 17 GA 1100
0156 WHSG 63 GA 1119
0157 WXTX 54 GA 1035
0158 $*WBSGt 21 GA*
0200 $WGNX 46 GA 1103
0202 WHBR 33 FL 836
0210 WATL 36 GA 1103
0212 WMCF 45 AL 966
0220 unid ch 3 HSC
0222 $WLTZ 38 GA 1035
0229 WGNO 26 LA 693
0230 WSFA 12 AL 954
0235 WMPV 21 AL 839
0238 K14IE 14 LA 705
0240 KADN 15 LA 637
0242 WFXL 31 GA 1066
0245 WTLH 49 GA 1025
0249 WNFT 47 FL 1178
0250 WDBD 40 MS 749
0255 WMGT 41 GA 1116
0256 $WAKA 8 AL 926
0257 WJHG 7 FL 960
0259 WKRG 5 AL 830
0300 WTVY 4 AL 951
0329 $WPBA 30 GA 1103
0348 $WABW 14 GA 1047
0350 $WJSP 28 GA 1057
0352 $WDCO 29 GA 1125
0357 WCOV 20 AL 954
0400 $WACS 25 GA 1041
0405 K59DG 59 LA 640
0410 unid ch 55 VJN
0411 $WFSG 56 FL 1010
0425 WABM 68 AL 966
0440 WMPN 29 MS 743
0445 WTXL 27 FL 1029
0452 $WSRE 23 FL 855
0453 KITU 34 TX 497

24 tr 0458 WGXA 24 GA 1091
0459 @WAPT 16 MS 749
0500 $WDHN 18 AL 982
0505 WTWC 40 FL 1029
0510 @WDAU 34 AL 960
0515 $WNGM 34 GA 1153
0518 $WXXV 25 MS 761
0520 $WHLT 22 MS 771
0521 $KVHP 29 LA 528
0523 KTAB 32 TX 460
0524 W65BG 65 FL 1010
(Tallahassee LPTV)
0527 @KJTL 18 TX 597
0530 *WNEGt 32 GA*
0531 KLTL 18 LA 547
0532 $WBMG 42 AL 963
0535 @WHOA 32 AL 926
0550 KLPB 24 LA 566
0608 $WTTO 21 AL 970
0610 *WPANt 53 FL*
0615 *WSWSt 66 AL*
0630 WAGT 26 GA 1224
0635 $WJSP 28 GA 1057
0707 WSST 55 GA 1078
0720 WSFA 12 AL 954
0731 WLOX 13 MS 758
0742 WLAE 32 LA 693
0750 $WVLA 33 LA 634
0800 WJWJ 16 SC 1271
(See Note # 3)
0803 $WPBA 30 GA 1103
1900 WGNO 26 LA 693
1905 $KXXV 25 TX 432
2000 XHST 13 YN 780
2001 XHDH 11 YN 780
2002 XHTP 9 YN 780
2045 KLPB 24 LA 566
2200 *KNCTt 46 TX*
25 tr 0550 KLTL 18 LA 547
0553 KLPB 24 LA 566
0555 KADN 15 LA 637
0559 WGNO 26 LA 693
0600 $WVLA 33 LA 634
0601 $KVHP 29 LA 528
KPLC 7 LA 547
0602 WLPB 27 LA 587
0605 $WMAU 17 MS 696
0610 @WLAE 32 LA 693
0615 *KLFYt 10 LA*
0620 KATC 3 LA 566
0625 WNOL 38 LA 693
0635 K21DM 21 LA 584
0645 WHLT 22 MS 771
0655 WMPV 21 AL 839
0925 WLOX 13 MS 758

Note #1 - Continuous HSC or HSS, seen often during Gulf opening, K52CQ Baton Rouge?
Note #2 - Christian Television Network, Clearwater, Florida.
Note #3 - NEW TROPO STATE and my furthest tropo to date, came in strong as local.

This was my first April in this location with a UHF antenna. It was wonderful. I wish everyone had super tropo as me.

I think that my location with only two local UHF stations (but weak signal in my QTH), my height (1800' asl) and no mountains to east and northeast are helping for great catches.

I recalculated all my distances thanks to the formula given by Fred McCormack and TV database sent by Jeff Kadet.

(Very nice loggings! fm)

EASTERN TV·DX

Stephen West
26 Dougherty Blvd. G-8
Glen Mills, PA 19342

(215) 358-2648

July 1993 Deadline: 7/5/93

The begining of the Es season has started "not with a bang but with a wimper". The most active days of skip were May 9th (FL to Nicaragua and Honduras) and May 25th. MUF has rarely reached above 87.75 MHz. Tropo has been good but not great. May 6th (MD to NC and NY to IL) and May 17th were a couple of the better days for tropo.

Some additional information on the tuner comparisons in last months ETV DX column, selectivity was not compared because some tuners have the ability to fine tune channels, other tuners did not. Results can be used as a general guide, but not all tuners of the same brand and model will work exactly alike because of variables in shipping, storage, use and slight changes when manufactured. An example of this is when car manufacturers say "your milage may vary" which is also true for DXing. The black and white 1971 Zenith TV that outperformed all of the tuners was model E2416W1 and chassis 22DB36,Z. The selectivity on this model was poor but it did the best job on the very weak signals even without the 41 MHz extracted audio from the televisions IF to a low band police radio.

The Icom R-7000 with optional video adapter was not directly compared to the other tuners but it worked very good. The video was not extremely sensitive like the R-7000s audio but it is probably close to the Teknika TVC-22. The cost of the Icom R-7000 with video adapter at approximately $1400. makes the TVC-22 a bargain considering the video results, but the hot audio on the R-7000 blows the TVC-22 away.

Those wishing to achieve audio sensitivity and selectivity of the R-7000 but can't gather $1200. should consider the Icom R-100 at $600. The R-100 has slightly better specs than the R-7000 and covers the entire TV bands. The R-100 is a mobile set which can be used indoors with a small power supply. The set does not receive SSB and other features of the R-7000 but for TV DXing the R100 is more than adequate. A video adapter can be added to the R-100 at EEB Electronics in Vienna, VA. Both sets use N connectors for antenna inputs. Both sets have slight distortion in the 15 KHz narrow FM mode on TV sound. The squelch on the sets would be ideal for setting up a VOX to record DX when your away from your QTH. The R-100 also has a built-in 50-900 MHz rf amplifier and attenuator which are selectable and can be stored in the memory for each channel separately so each channel is customized for your best reception.

Results of the Icom IC-R100 bring in audio scatter from WUNP-36 Roanoke Rapids, NC to Glen Mills, PA (280 miles) with a Winegard PA-4975 amp and a 4 bay UHF antenna indoors.

It would be interesting to compare the Icom receivers to the Kenwood RZ-1 which also covers the TV bands. The Kenwood specs are not as good as the Icom receivers but most manufacturers rate conservativly, and bench tests show most sets perform better than the rated specs.

Many thanks to this months contributors for their concise prepared reports of television propagation.

Richard Contone, 162-07 87th Street, Jamaica, N.Y. 11414

I am new to the WTFDA. I sent some FM loggings to Box 514, Buffalo. (The FM logs should be sent to Greg Coniglio in Williamsville, N.Y. SW) One find is channel 63 WMBC in Newton, NJ, which is about 60 miles from my house. The station has religious programming and soul music. I am a casual DXer interested in program content at any distance. (I will turn off a DX catch if it is boring) I took a photo of channel 53. (thanks for the photo enclosed with your report, W53AA NYC is Korean. SW) I have a Zenith 26" TV from 1979. I use a "Tru-spec" TA-15, a 15db vhf/uhf amp indoors, with a Winegard TU-7000 at 20 feet.

I DX all frequencies (MW, BCB & satellite).

Richard is looking for advice on antennas, homemade FM antennas in particular.

Eric Voytko 1721 Dalewood Place, McLean,VA 22101 703-356-9663

Equipment; Channel Master 6 ft dish/Winegard PA4975 at 35 ft;Channel Master Quantum 1110 at 35 ft;Icom R-7000,Sony and Zenith monitors

April 1993

30 Tr 0500 WNEP-16 PA 170
WYOU-22 PA 170
WBRE-28 PA 170
W23AY PA 80
(York LPTV)
0520 WRDC-28 NC 240
WPDE-15 SC 340
WLFL-22 NC 240
W14BG DE 100
(Newark WKBS-47)
WXTV-41 (NY)210
W38BB NC 240
(Raleigh TBN)

May 1993

8 Tr 2305 W41AC VA 110
(Onancock WAVY-10)
13 Es 1902 UNID-2
UNID-3 NBC
16 Tr 0630 WYDO-14 NC 250
WPDE-15 SC 340
WLFL-22 NC 240
WYED-17 NC 240
WRDC-28 NC 240
W34AI NC 195
(Henderson CHA)
WUMP-36 NC 190
WUNJ-39 NC 330
W38BB NC 240
WKFT-40 NC 260
WGGT-48 NC 260
16 Tr WFCT-62 NC 300
W66BI SC 375
(Myrtle Bch.TBN)
WUNK-25 NC 230
W14BG DE 100
WLIW-21 NY 240
WMGM-40 NJ 130
WXTV-41 (NY)210
WHSE-68 (NY)210
6 Tr 0900 WTAT-24 SC 440
(under WHSW)
WAAP-16 NC 240
WTVI-42 NC 330
WCCB-18 NC 320
0925 W18AR SC (t)
(Charleston LPTV)
30 Es 1319 WBRZ-2 LA 990

STATION NOTES

WPDE-15-SC and WRLH-35-VA are sporting new ID logos,as are stations in the North Carolina Public TV Network;Their new colorbar slide is supered with"UNC-CPTV"(was NCPT).WYDO-14-NC is still running some Sunday AM programming independant of WFXI-8(Fox),Look for WYDO slide, also Family Net programming.

W14BG Newark,DE is running Family Net as reported in May ETVDX.They also rebroadcast some programming from Chistian stations WPCB-40/WKBS-47,and show their dual ID."TV-14" almost always appears in the lower left corner.

COMMENTS

E-Skip mostly absent so far,save for old reliable WBRZ,which seems like a local sometimes. I installed an antenna array at my work QTH in Fairfax,VA,and am encouraged by preliminary results.The U-120 w/CP-4800 amp and cheap FM yagi above it are rotor mounted at about 20 ft. The location is super;10 miles west of home,away from nagging locals on one of the higher points in the county,plus a super veiw of the southern and western horizons.This is where I first saw tropo in 1986,on a wire loop inside the building.I expect to do much better here than I do at home,despite the better antennas and receivers there. E.V.

William R. Hepburn 35 Lockwood Rd Brampton ON L6Y 4T7

Equipment: JVC HR-D630U VCR w/attic VHF dipoles & 2nd floor UHF 4-bay

March 1993 (EST)

09 AU 0047 unids/CCI 2-7
27 GW 2130 CIIISS 55 ON 67 # 1
Fort Erie

May 1993 (EDT)

06 TR 0609 WNDU 16 IN 357
13 ES 2100 KFDX 3 TX 1211
2123 MUF 6
14 ES 1936 MUF 2
16 ES 2159 KACV 2 TX 1303
Amarillo
2240 KAMR 4 TX 1305
Amarillo

May 1993

17 ES 1817 MUF 2
25 ES 2323 MUF 6
26 ES 1258 WWL 4 LA 1105
1300 WBRZ 2 LA 1115
1317 WTVY 4 (FL) 939
28 ES 1146 MUF 4
1159 WPBT 2 FL 1223
29 ES 2056 WCBD 2 SC 740 # 2
Charleston
2103 MUF 5
2300 WBRZ 2 LA 1115

Note # 1 - Assumed call. Repeats CIII-TV Paris (Global, CGS net). Very weak signal in neighbouring Niagara Falls while CIII41 Toronto booms in & CIII Paris is almost snow-free. Intended coverage area listed in TVG as Welland-Port Colborne-Fort Erie..however I doubt that anyone in Welland is watching 55.

Note # 2 - SC is state # 29 for my Brampton area log. (including Mississauga & Toronto). 73s...

Harry J. Hayes - 9 Henry St. - Wilkes-Barre, PA 18702

Equipment: RCA 1971 Color set-Ch. 2 & 5 quad loop-amplified at south window.

May 1993

8	Es	1530	KJRH-2	OK	13	Es	2100	KETS-2	AR	25	Es	1940	KJRH-2	OK
13	Es	1800	KDTN-2	TX	14	Es	1405	WLBT-3	MS	29	Es	1415	KGAN-2	IA
		1826	WESH-2	FL	23	Es	0930	WBRZ-2	LA			1630	WDIQ-2	AL
		1900	WPBT-2	FL	25	Es	2218	KGAN-2	IA			1900	WBBM-2	IL
		2058	KJRH-2	OK			2230	KSNC-2	KS					

This May is a disappointment with no skip getting above channel 4 that I've observed. Channel 4 was in strong on the 29th. Highlight was a reception of WBBM-2 Chicago on the 29th, this is on the rare side here. This is the first May in quite some time that had no Es into FM,at least that I've observed. I could have missed an opeining, being that they were so brief this month. Things can only improve. Rest regards.

Dave Nieman 12284 Nice Road Akron New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF on a CDE rotor at 23 feet AGl (813 feet ASL). Channel Master 4251 UHF (7' dish) with Blonder-Tongue CMA-Ub preamp on a crankup tower at 30 feet AGL (820 feet ASL) with Alliance HD-73 rotor . Using RG-11 coax for both antenna. New loggings are underlined. New call (KKKK).

January 1993

18	Es	13:00	KSNW 3	KS	1058		
21	Tr	08:11	CIVA1 8	PQ	366		
			over WROC Rochester NY				
			(see Note #1)				

March 1993

10	GW	11:48	CIII?? 55	ON	??
			(see Note #2)		

March 1993

26	Tr	11:11	(WMFD) 68	OH	262
			(see Note #3)		
27	Tr	06:52	WCIU 26	IL	470
			(see Note #4)		
		08:27	WFYI 20	IN	450
		08:30	WMCC 23	IN	429

May 1993

6	Tr	08:29	WCIU 26	IL	470

May 6 tropo continued

		08:30	WFLD 32	IL	468
		08:30	WCFC 38	IL	468
		08:41	WEHS 60	IL	470
		08:59	WNIT 34	IN	402
12	Tr	14:24	W??? 64	??	???
			(see Note #5)		
15	Es	21:31	KSWK 3	KS	1235

NOTES:
#1 Running Phillips test pattern with time and "RADIO QUEBEC" on it
#2 New to the air, testing using 3/4 color bars and tone, GLOBAL TELEVISION NETWORK station somewhere on the Niagara Peninsula.
#3 Back on air with new call
#4 Running ID slide including two translators
#5 Channel 64 running Home Shoppers Club not // ch. 61 Cleveland OH. Antenna W.S.W.; Toledo OH also m.

Welcome back to the WTFDA editing staff Stephen. Sorry to say, I don't have much tropo and even less skip to report. Dave

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Dave Nieman - Ho Sta Geh Road - Rock City, New York

Equipment: RCA 9" b&w TV, Channel Master 3617B VHF, Winegard DA-205 distribution amp at 15 feet AGL (2405 feet ASL), RG-6 coax and Radio Shack rotor. Antennacraft P-7 (7' dish) UHF (indoors) with DX Tele Lab EU-4S preamp at 2390 feet ASL, RG-11 coax. New loggings are underlined. New call (KKKK)

January 1993

16	Tr	13:00	CICO18 18	ON	160
		13:00	WNPI 18	NY	250
			(see Note #1)		

March 1993

7	Tr	10:30	WGAL 8	PA	167
28	Tr	08:00	CKWS 11	ON	180

April 24 1993 (see Note #2)

May 1993 (see Note #3)

1	Tr	06:00	CIII?? 55	ON	??
		06:15	CITY 57	ON	122
		06:20	WJW 8	OH	173
		06:29	WETG 66	PA	82
		06:39	WQHS 61	OH	172
			(HSC)		
		06:47	WOAC 67	OH	173
			(see Note #4)		

May 1 1993 DX continued

	Tr	07:29	WVIZ 25	OH	175
		07:34	WMFD 68	OH	230
		09:00	WBNX 55	OH	170
2	Tr	04:57	WOLF 38	PA	146
		05:00	WWLF 56	PA	141
		05:36	W14AH	NY	129
			Binghamton (TBN)		
		05:45	W32AD	PA	146
			Clark Summit (WNEP-16)		
		06:00	WPHL 17	PA	216
		06:52	WIVE 51	PA	176
			(HSC)		
		08:00	W60??	PA	
			(see Note #5) (WVIA-44)		

May 2 tropo continued

		08:13	W19AR	PA	144
			Clark Summit (WYOU-22)		
	Tr	08:18	W63AB	PA	72
			Mansfield (WVIA-44)		
		08:30	W30AA	NY	86
			Elmira (WSKG-46)		
8	Tr	03:30	CJOH 13	(PQ)	274
		03:43	CHEX? 22	ON	131
			over local LPTV		
		03:57	CBOFT 9	(PQ)	274
			(see Note #6)		
		04:17	W15AL	NY	89
			Rochester (VJN)		
22	Tr	07:00	WNPB 24	WV	174
		08:00	WPCB 40	PA	131

NOTES:
#1 Using Cobra SR 925 scanning receiver hooked to 7' dish and preamp.
#2 Roof mounted 7' UHF dish on 10' tripod; height now 25' AGL, 2415' ASL. Still using EU-4S preamp.
#3 Now using a Harvard 13" color set model LU1313. Installed a Winegard FT-7600 adjustable FM trap between 3617B VHF antenna and Winegard DA-205 distribution amp. Tuned it to 95.7 mhz making channels 8,9 & 10 DXable again.
#4 Running HOME SHOPPING SPREE
#5 I have no location for this translator (W60AH in Stroudsburg, PA? SW)
#6 Running modified 3/4 colorbars with clock in lower right and "OTTAWA" across center.

Hi again Stephen; May 2 was a good morning for tropo to your area of Pennsylvania; see anything back this way? I missed almost as many new loggings that morning as I got. Dave (just Scranton)

Jeff Wolf, 1131 University Blvd. W., Apt. 701, Silver Spring, MD 20902

April 1993
29 tr 0714 WYED-17 NC (248)
0757 WYDO-14 NC (250)
30 tr 0028 WYDO-14 NC
0700 WGTW-48 PA (119)
through W48AW in DC
May 1993
1 tr 0749 UNID-43 HSN
(new station from Tidewater, Virginia. SW)

May 1993
2 tr 0319 WYED-17 NC
6 tr 0628 WLFL-22 NC (251)
0658 WKFT-40 NC (265)
0704 WRDC-28 NC (248)
8 tr 0822 WYED-17 NC (248)
0859 WYDO-14 NC (250)
9 tr 0059 WYDO-14 NC

Note: WYDO-14 received w/WTMW-14 off.

(Jeff, what type of equipment are you using? I put a RS U-120 on my condo roof without official permission. Since it was on the same mast as the community antenna it took them over 4 years to figure it out. SW)

Stephen West, 26 Dougherty Blvd. G-8, Glen Mills, PA 19342-1140 N3FYO

May 1993
16 tr 0830 WTAT-24 SC (510)
0900 W34AX-34 NC (Henderson)

June 1993
3 Es 0900 WPBT-2 Fl
9 tr 0900 WUNP-36 NC (very strong)

I will probably stop reporting WUNP-36 in NC since their audio has been received on the Icom IC-R100 everyday since the Icom was purchased. I noticed WTXX-20 was running HSN a lot but still has some regular programs. (they failed to ID on the hour, also) The phone number for WWAC-53 Atlantic City, NJ is (215) 473-9060 with offices in the Philadelphia area. Since purchasing the Icom I have been able to get the audio (picture always has been good) from W08CC the LPTV transmitting from Waterford Works, NJ. (same tower as WNJS-23) WOCC (as they call themselves) runs the Movie Greats Network and the Home Entertainment Network with mostly black & white programs. They put out a good video signal but WGAL-8 Lancaster, PA has the stronger audio in Glen Mills, PA. WOCC-8 does identify itself about every 10 minutes with a 8 in the lower right corner of the picture along with various cable systems that carry WOCC and the channel they are carried on for that cable system. Channel 7 the LPTV in center city Philly can not be seen at all from Glen Mills, PA.

John F. Combs N4SFS, POB 721027, Orlando Fl 32872 (407) 282-6945

MAY 1993
9 Es 1923 El Salvador-4? T
(see note #1)
1930 Nicaragua-4 1136
(see note #2)
2014 Honduras-5 1030
(see note #3)
13 Es 1930 KGAN-2 IA 1120
2027 KTVO-3 MO 1011

MAY 1993
16 Tr 2050 WPMI-15 AL 407
2050 WMPV-21 AL 401
2113 WSRE-23 FL 380
2114 WEIQ-42 AL 422
17 Tr 0850 KHSH-67 TX 858
0850 KXLN-45 TX 858
0850 KRIV-26 TX 857
(see note #4)

MAY 1993
17 Tr 2236 WYDO-14 NC 532
2243 WJKA-26 NC 429
2243 WUNJ-39 NC 429
2246 WJPM-33 SC 409
23 Es 1209 KDFW-4 TX 971
1446 KXAS-5 TX 971
1453 KFDX-3 TX 1081
(Log now at 461 stns)

EQUIPMENT: See May 1993 VUD, p. 27.

Note #1: Soccer with "TV-4" in upper left.
Note #2: Apparently a new station -- most ads mentioned Nicaragua or Managua -- ID is a small "4" that zig-zags around screen as it gets bigger, winding up at screen right.
Note #3: Honduras is a country that somehow eluded me during my previous two stints of TV-DXing in Orlando (it seems like Guatemala and El Salvador have tended to dominate the Central American openings here) -- I recognized the logo from Carlon's DX tapes + also noted prices in lempiras.
Note #4: Damn! This was starting just as I was leaving the house!

The early skip season has been underwhelming. Only three openings noted, and only one of those reached FM (the 23rd, when the MUF strayed into the educational band briefly), but one of those openings was a dandy (though weak) opening to Central America. Not too shabby when you can log two new countries in one opening! (I've now logged 12 total countries from here!) A correction to May's report: the ch. 58 TBN was more likely W58BO in Natchez MS -- I somehow missed this when searching lists for TBNs on 58 in that direction. (Would make more sense than Dallas as MS was dominating at the time.) I also have solved a 2 year old unID! Fernando Garcia confirms that my unID-10 w/ECO pgmg seen during a Gulf opening in Tallahassee was XEX-10 Monterrey (as I had suspected) -- he even sent me the skeds to prove it. At about 985 miles, it is now my longest VHF hi-band logging from Tallahassee. Local items: W31AU Orlando is back on with an amp-busting signal (sigh) running HSS pgmg. And W14AC Lakeland is back -- in this incarnation it is a WACX-55 xltr. (WACX-55 seems to be making a habit of buying up failing LPTVs and "converting" them to WACX xltrs!) Good luck to Steve on the column -- I've known him a long time, and know he'll do a super job!

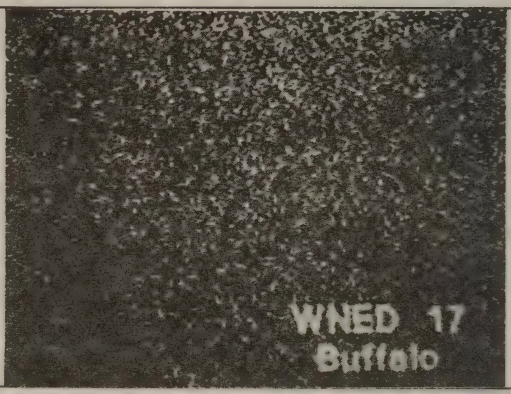
Robert Kramer-Chicago Illinois. Equipment: 1978 RCA 19" b&w, Sony 19" color set, Mitsubishi HS-422UR stereo VCR. Archer U-120 UHF at 68' and V-185 VHF at 58', both antennas fed with RG-11 coax. Three Archer 15-1113A adjustable preamps. Alliance HD-73 rotor. Camara equipment: Ricoh XRM 35mm loaded with Kodak T-Max 400 ASA b&w film.

WNED-17
Buffalo
New York

460 mile tropo

seen
September
14, 1992

at 0355 CDT

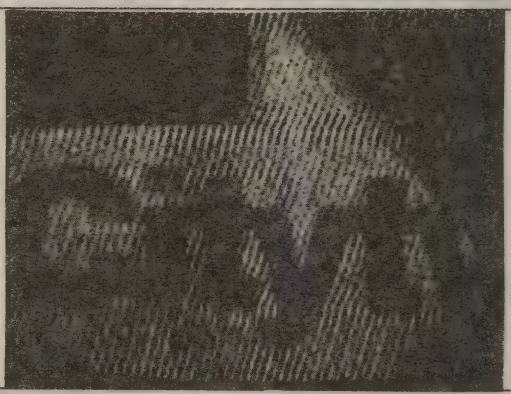


CITY-57
Toronto
Ontario

440 mile tropo

seen September
14, 1992

at 0400 CDT



Thanks for the photos Robert, hope you'll have more soon.

Bill Eckberg-Dixon Illinois is our next reporter.Equipment: 1966 Zenith b&w receiver model CH 14N22 with modified UHF tuner. Channel Master 1110 VHF antenna with RDX Labs UA 700 preamp at 41 feet on a Rohn tower. Channel Master 7 foot (UHF) dish with RDX Labs UA 900 peramp at 52 feet on a Rohn crankup tower. Jerrold CAC-11 feed for both antenna. "riddles for the Insomniac DXer; one liner description of the following photos".

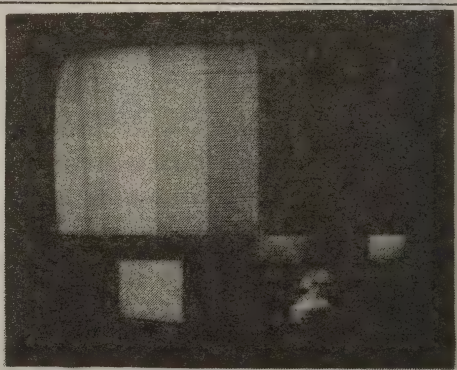
CKKX-2
Calgary
Alberta

1293 mile
E-skip

seen
January
5, 1993

at 0430 CST

"2 and 7"



(ed. I can't think of a one liner; what's the answer Bill? djn)

Bill report continued from page one

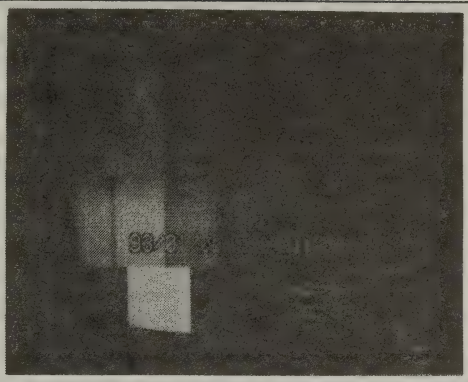
CFCN-4
Calgary
Alberta

1293 mile
E-skip

seen
January
5, 1993
at 0445 CST

"recd on ch 4
shows ch5?"

"1 hr behind"



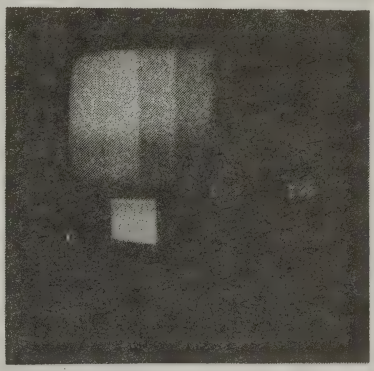
CKRD-6
Red Deer
Alberta

1313 mile
E-skip

seen January
5, 1993

at 0455 CST

"Red Deer TV"



CJBRT-2
Rimouski
Quebec

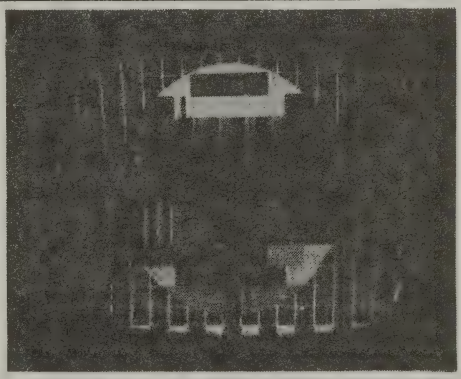
1085 mile
E-skip

seen January
13, 1993

at 0230 CST
?or?
CBGAT14-2
Carleton
Quebec

1184 mile
E-skip

"Quebec-Radio Canada"
"1 hr ahead"



Thanks for the photos Bill, hope to see more from you soon.

Till next time, DAVE

:SOUTHERN • FM DX:

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

JULY 1993 DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NV, OK, SC, TN, TX UT & WV. (also MX, AUST, SOUTH AMERICA, NEW ZEAL)

WHILE GULF TROP KEEPS POPPING UP, ES STILL NOT DOING MUCH IN GETTING OFF THE GROUND

If the 1993 DX in the FM south needs a theme then it could be about the gulf tr. It just keeps coming back, turning up as recently as June 3. Distances then ventured out to around 1000 miles. One FL DXer indicated never having experienced gulf tr before in June. With their gulf tr pretty much wound down,the FL DXers were treated to a good skip opening coming from out of the same general area that the gulf tr did. Interestingly, one FL DXer got Shreveport, LA via Es and hours later heard from there again via tr. Aside from the 6/3 showing, it looks like Mother Nature needs to give Es a wake up call now the the season is here. The '93 season is looking all too uncomfortably like '92--very dead, very dismal. Fortunately, there is still time for something to get hopping (hopefully, consistantly) before time to write '93 Es off.

Matt Sittel, 603 Fulton Rd., Apt. B-24, Tallahassee FL 32312-2214 (904) 386 - 2212

Equipment: Yamaha TX-900U tuner with modified filters, Archer rabbit ears.

4/11 tr

0452	WZZS	106.9	FL	Zolfo Springs	269
0453	KQQK	106.5	TX	Galveston, SS	634
0503	WRTO	98.3	FL	Goulds, SS	416
0520	WQBA	107.5	FL	Miami, SS	411
2225	KQQK	106.5	TX	Galveston, Tejano106	634
2227	KCIL	107.5	LA	Houma, calls	389
2239	WUS	97.9	MS	Wiggins, US98	288
2252	KMXR	93.9	TX	Corpus Christi	812
2256	KQID	93.1	LA	Alexandria, 93QID	487
2259	KAJN	102.9	LA	Crowley, ID	481
2308	KYKR	95.1	TX	Beaumont, K95.1	585
2319	KVLY	107.9	TX	Edinburg, calls	880
2323	XHAAA	93.1	TA	Reynosa, SS	904
2324	KKBQ	92.9	TX	Pasadena, 93Q Country	655
2328	KFGI	94.7	TX	Luling, oldies	800
2337	WKRG	99.9	AL	Mobile, Coast100	226
2341	KBDR	100.5	TX	Mirando City, B100	913
2346	KJOJ	103.3	TX	Freeport	672
2347	KBIU	103.7	LA	Lake Charles,Bayou104	531
2348	WLTS	105.3	LA	Slidell, Lite105	327
2351	KZMZ	96.9	LA	Alexandria, Power969	487

4/12 tr

0006	KRTS	92.1	TX	Seabrook, K-Arts	645
0010	KKMJ	95.5	TX	Austin, Magic 95.5	802
0014	WEEJ	100.1	FL	Port Charlotte	276
0015	KILT	100.3	TX	Houston, calls	663
0028	KLOL	101.1	TX	Houston, OutlawRadio	663
0652	KQQK	106.5	TX	Galveston	634
0659	WRKF	89.3	LA	Baton Rouge	410
0710	KHMX	96.5	TX	Houston, Mix 96.5	663
0713	KFGI	94.7	TX	Luling, Froggy 94	800
0723	KPLE	104.3	TX	Temple, calls	776
0743	WQUE	93.3	LA	New Orleans, Q93	349
0748	WEZB	97.1	LA	New Orleans, local ad	349
0749	KAJA	97.3	TX	San Antonio,overWJAD	854
0751	KHFI	96.7	TX	Georgetown, calls	796
0754	WNSL	100.3	MS	Laurel, SL100	299
0755	WLMG	101.9	LA	New Orleans	349
0756	WFMF	102.5	LA	Baton Rouge, calls	410
0759	WYOO	101.3	FL	Springfield, CNN	82
0801	WJDQ	101.3	MS	Meridian, ID	290
0804	XHAAA	93.1	TA	Reynosa, SS	904
0805	WKSJ	94.9	AL	Mobile, KSJ	226
0837	KZFX	107.5	TX	Lake Jackson, The Z	676
0841	WTGE	100.7	LA	Baton Rouge,TheTiger	410

cont.,

4/12 tr

2045	KQQK	106.5	TX	Galveston, SS	634
2046	KZFX	107.5	TX	Lake Jackson, Z107.5	676
2048	KJZS	106.9	TX	Conroe, Z-Rock	665
2054	KMEZ	102.9	LA	Belle Chasse	350
2055	WVRI	101.1	FL	Cocoa Beach	268
2058	WQFX	96.7	MS	Gulfport, Rock 96.7	286
2059	WLQH	97.3	FL	Chiefland, over WJAD	110
2100	WKRG	99.9	AL	Mobile, over WHKX	226
2103	XHAAA	93.1	TA	Reynosa, SS	904
2113	KMXR	93.9	TX	Corpus Christi	812

4/13 tr

0650	KQQK	106.5	TX	Galveston, SS	634
0731	KVLY	107.9	TX	Edinburg, calls	880
0736	WMSI	102.9	MS	Jackson, Miss 103	370
0740	KMJQ	102.1	TX	Houston, 102 Jamz	663
0745	WJMI	99.7	MS	Jackson, calls	370
0749	KHMX	96.5	TX	Houston, traffic	663
0752	WTYX	94.7	MS	Jackson, Oldies 94.7	370
0759	KUHF	88.7	TX	Houston, ID	663
0801	KBSO	94.7	TX	Corpus Christi	812
0833	XHAAA	93.1	TA	Reynosa, SS	904

4/13 tr

0834	KTEX	100.3	TX	Brownsville, K-Tex	864
0854	KCIL	107.5	LA	Houma	389
0858	WAYG	89.1	FL	Sarasota, ID	242
1241	KQQK	106.5	TX	Galveston	634
1302	KQID	93.1	LA	Alexandria, 93QID	487
1310	WAMI	102.3	AL	Opp, local ad	134
1312	KLAA	103.5	LA	Tioga, LA103	489
1314	KMJQ	102.1	TX	Houston, 102Jamz	663
1318	KBXX	97.9	TX	Houston	663
1319	KHMX	96.5	TX	Houston, Mix 96.5	663
1322	WCTQ	92.1	FL	Venice, local ad	259
1324	KQXL	106.5	LA	New Roads, Q106FM	425
1326	WJDQ	101.3	MS	Meridian, Q101	290
1335	WTUG	92.9	AL	Tuscaloosa, Power93	268
1338	WMXZ	95.7	LA	New Orleans	349
1344	KWVS	97.5	TX	Kingsville, The Waves	845
1359	WFCA	107.9	MS	Ackerman, calls	346
2120	KZFX	107.5	TX	Lake Jackson, The Z	676
2125	WEEJ	100.1	FL	Port Charlotte	276
2128	WISP	98.7	FL	Holmes Beach, Wisp	226
2137	WSRZ	106.3	FL	Sarasota, Oldies106	242
2140	WDFL	106.3	FL	Cross City, k	91
2203	WKZM	105.5	FL	Sarasota, mono	242

4/13 tr
2212 WOLR 91.3 FL Lake City, ID, g 101
2217 WJLF 91.7 FL Gainesville, calls 130
2257 WUSF 89.7 FL Tampa, ID 208
4/14 tr
0721 KQQK 106.5 TX Galveston 634
0722 WBMH 106.9 AL Birmingham, oldies 256
0730 WSTH 106.1 AL Alexander City 195
0734 WZYP 104.3 AL Athens, 104.3 ZYP 336
0739 KXKC 99.1 LA New Iberia, calls, k 450
0748 WKRG 99.9 AL Mobile, Coast 100 226
0757 WIIN 98.7 MS Vicksburg, Win 98.7 410
0802 WCKW 92.3 LA Laplace, calls 371
0802 KZFX 107.5 TX Lake Jackson, Z 676
0844 WMJJ 96.5 AL Birmingham, Magic 96 256
0852 KSBJ 89.3 TX Humble, calls 655
0855 WQSB 105.1 AL Albertville 284
0859 WMAB 89.9 MS State College, PRM 333
4/15 tr
0703 WEYY 92.7 AL Talladega, Y92 230
0708 WOVV 95.5 FL Fort Pierce, Star95.5318
0711 WNCK 99.7 SC Port Royal, K99.7 248
0712 WHMA 100.5 AL Anniston 238
0718 WEAT 104.3 FL West Palm Beach 366
0719 WEZL 103.5 SC Charleston, calls,k 302
0722 WLOW 106.9 SC Bluffton, ad 236
0724 WIJY 107.9 SC Hilton Head Island 241
0733 WRMB 89.3 FL Boynton Beach, gr 376
0735 WSCI 89.3 SC Charleston, SCERN 302
0738 WTMI 93.1 FL Miami, c 411
0740 WIXV 95.5 GA Savannah 219
0749 WMFE 90.7 FL Orlando 221
0802 WMQX 93.1 NC Winston-Salem, o 453
0824 WQBA 107.5 FL Miami, SS 411
0827 WSFL 106.5 NC New Bern, calls 529
0830 WGNI 102.7 NC Wilmington, 103 GNI 453
0834 WKGR 98.7 FL Fort Pierce, Gator 318
0835 WIRK 107.9 FL West Palm Beach 366
0839 WZNY 105.7 GA Augusta, Sunny105 249
0845 WLVE 93.9 FL Miami Beach 412
4/19 tr
2241 KQQK 106.5 TX Galveston, calls 634
4/20 tr
0231 KCIL 107.5 LA Houma, C107 389
4/20 tr
0244 KXKZ 107.5 LA Ruston, Kix 107.5 511
0247 WLTS 105.3 LA Slidell, ID 327
4/21 tr
0734 WXQL 105.7 FL Baldwin, Q105.7, s 140
4/24 tr
0033 KFGI 94.7 TX Luling, Froggy 94 800
0035 KZMZ 96.9 LA Alexandria, Power96.9487
0043 KQQK 106.5 TX Galveston, SS 634
0129 W 98.1 LA Baton Rouge 410
0133 KLTR 93.7 TX Houston, K-Lite 663
0135 KXTN 107.5 TX San Antonio, SS 854
0140 KEYI 103.5 TX San Marcos, Key103.5 816
0144 KQXT 101.9 TX San Antonio, KQ102 854
0200 KPAC 88.3 TX San Antonio 854
0210 KZEP 104.5 TX San Antonio, K-Zep 854
5/17 tr
0734 WFMI 106.5 AL Bay Minette, LiteMix 209
5/18 tr
0848 WTYX 94.7 MS Jackson, Oldies94.7 370
0851 KVKI 96.5 LA Shreveport, calls 574
0858 WUS 97.9 MS Wiggins, US98 288
0859 WMAH 90.3 MS Biloxi 273
0925 KQID 93.1 LA Alexandria, 93QID 487
0928 KXKZ 107.5 LA Ruston, local ad 511
6/2 tr
2052 KQQK 106.5 TX Galveston, SS 634
6/3 tr
0759 KAND 107.9 TX Corsicana, calls 727
0804 KRTK 97.1 TX Cleveland 644
0805 KOOI 106.5 TX Jacksonville, calls 657
0809 WEAS 93.1 GA Savannah, E93 219
0812 KQID 93.1 LA Alexandria, 93QID 487
0814 KXKZ 107.5 LA Ruston 511
0818 KHCB 105.7 TX Houston, calls 663
0818 KSMG 105.3 TX Seguin, calls, o 820
0823 WEAT 104.3 FL West Palm Beach 366
0826 KMJQ 102.1 TX Houston, 102Jamz 663
0833 WLRQ 99.3 FL Cocoa 260
0835 WRMF 97.9 FL Palm Beach,calls 368
0839 KEGL 97.1 TX Fort Worth 783
0841 KHMX 96.5 TX Houston 663
0843 KLUV 98.7 TX Dallas, 98.7 K-Love 752
0846 WOVV 95.5 FL Fort Pierce, Star 95 318
0846 WEEJ 100.1 FL Port Charlotte 276
~~0850 KBHT 93.5 TX Crockett, calls 665~~
0900 KNON 89.3 TX Dallas, calls, sg 752
0935 KZFX 107.5 TX Lake Jackson 676
0959 WFCA 107.9 MS Ackerman, calls 346
1010 WMSI 102.9 MS Jackson, Miss 103, k 370
1012 KLIP 105.3 LA Monroe, Hot105.3, s 482
1016 KZHE 100.5 AR Stamps, calls 575
Es!!!!!!!!!!!!!!!
1040 KFRO 95.3 TX Gilmer, calls, o 646
1044 KLLL 96.3 TX Lubbock, K Triple L 1050
1046 KVKI 96.5 LA Shreveport, calls 574
1050 KMMY 97.1 OK Muskogee, Y97 737
1055 KQUS 97.5 AR Hot Springs, calls 581
1057 KALK 97.7 TX Winfield 662
1057 KGNC 97.9 TX Amarillo 1068
1100 KKRX 98.1 OK Lawton, ID 870
1103 KXGM 106.5 TX Muenster, calls 797
1106 KLSR 105.3 TX Memphis, calls 989
1107 KQTZ 105.9 OK Hobart, KQ106 915
1110 KICM 105.7 OK Healdton, calls 812
1118 KMMO 102.9 MO Marshall, calls, k 782
1120 KRPT 103.7 OK Anadarko, calls 870
1122 KFRX 102.7 NE Lincoln, calls 996
1124 KMCO 101.3 OK McAlester, K101 734
6/3 Es!
1128 KATT 100.5 OK Oklahoma City 841
1130 KCKI 99.5 OK Henryetta, Kick FM 759
1130 KBBM 99.5 IA Winterset, ID 926
1133 KRAF 106.5 OK Holdenville, calls 771
1138 KRES 104.7 MO Moberly, calls 770
1140 KSCB 107.5 KS Liberal, calls 1056
1145 KEXL 106.7 NE Norfolk, GreatHits1061082
1147 KVGB 104.3 KS Great Bend 988
1150 KFMQ 101.9 NE Lincoln, ID 996
1151 KIDA 92.9 IA Ida Grove 1028
1154 KGLS 93.1 KS Pratt, calls 963
1154 KEBC 94.7 OK Oklahoma City, calls 841
1155 KAAN 95.5 MO Bethany 870
1158 KGND 107.5 OK Ketchum, K-Grand 737
1159 KZZT 105.5 MO Moberly, KZ105 770
1204 KIWA 105.3 IA Sheldon, calls 1085
1206 KCHI 103.9 MO Chillicothe, calls 829
1207 KKCI 102.5 KS Goodland, calls 1161
1207 KYYS 102.1 MO Kansas City 833
1209 KISD 98.7 MN Pipestone 1142
1211 KQWC 95.7 IA Webster City 982
1212 KCKS 95.3 KS Concordia, o, Kicks 982
1213 KNWC 96.5 SD Sioux Falls 1133
1214 KNEN 94.7 NE Norfolk 1082
1215 KICD 107.7 IA Spencer 1061
1217 KTLB 105.9 IA Twin Lakes, calls 1003
1217 KQKY 105.9 NE Kearney, Hits106 1090
cont.,

6/3 Es

1219	KSUX	105.7	NE	Winnebago,SuperPig	1057
1221	KUOO	103.9	IA	Spirit Lake, calls	1075
1223	KXNP	103.5	NE	North Platte, KX104	1180
1225	KRNY	102.1	NE	Kearney, K102, k	1090
1230	KDWB	101.3	MN	Richfield, calls	1110
1233	KCTN	100.1	IA	Garnavillo, calls	938
1236	KLYV	105.3	IA	Dubuque, K-Live 105	903
1238	KXAC	100.5	MN	St.James, calls	1092
1240	KOEL	92.3	IA	Oelwein, 92Country	943
1250	KMSR	94.3	MN	Sauk Centre, calls	1202
1253	KRIT	96.9	IA	Clarion	995
1259	WSCN	100.5	MN	Cloquet, ID	1205
1300	WWJO	98.1	MN	St.Cloud, 98Country	1171
1323	KXLP	93.1	MN	New Ulm	1107

tr

1327	KIVY	92.7	TX	Crockett, calls	665
1925	KEGL	97.1	TX	Fort Worth, The Eagle	783
1930	KSCS	96.3	TX	Fort Worth, calls	783
2108	WZYP	104.3	AL	Athens, ZYP	336
2111	KEYI	103.5	TX	San Marcos, Key103	816
2112	WEEJ	100.1	FL	Port Charlotte	276
2114	KLUV	98.7	TX	Dallas, calls	752
2120	WCVU	94.5	FL	Naples, Shore 94.5	337
2121	KAFX	95.5	TX	Diboll, K-Fox 95	624
2122	WOLZ	95.3	FL	Fort Myers, calls	304
2126	KZPS	92.5	TX	Dallas, calls	752
2127	KLRX	97.9	TX	Dallas	752
2136	KJMZ	100.3	TX	Dallas, 100.3 Jamz	752
2137	KDMX	102.9	TX	Dallas, Mix102.9	752
2139	KYNG	105.3	TX	Dallas, FM 105, k	752
2148	WRQO	102.1	MS	Monticello, Q102	352
2152	WLUN	95.3	MS	Lumberton, calls, k	308
2154	KHFI	96.7	TX	Georgetown, calls	796
2156	KVET	98.1	TX	Austin, calls	802
2200	KVTT	91.7	TX	Dallas, ID	752
2200	KCBI	90.9	TX	Dallas, ID, g	752
2202	WAVV	101.1	FL	Marco, Wave 101	354
2202	KONO	101.1	TX	Fredericksburg, calls	868
2207	KPBQ	101.3	AR	Pine Bluff, calls, k	519
2218	KVKI	96.5	LA	Shreveport, calls	574
2232	KKDA	104.5	TX	Dallas, K104	752

FM log total now stands at 513.

6/3 tr

2239	KTBQ	107.7	TX	Nacogdoches, Q107	618
2247	WBBN	95.9	MS	Taylorsville, B95	323
2250	KPLX	99.5	TX	Fort Worth, K-Plex	783
2259	KJCS	103.3	TX	Nacogdoches, KJ103	618
2314	W___	99.3		Fort Myers Beach, 99X	313

6/4 tr

0647	KXKZ	107.5	LA	Ruston, Kix 107.5, k	511
0652	WWKZ	103.5	MS	New Albany, KZ103	389
0704	WGNE	98.1	FL	Titusville, 98Frog	246
0706	KEGL	97.1	TX	Fort Worth	783
2109	WSYN	106.5	SC	Georgetown, Sunny1065	356
2117	WBMH	106.9	AL	Birmingham, oldies	256
2223	KQQK	106.5	TX	Galveston, SS	634

6/7 tr

0717	WKXI	107.5	MS	Magee, Kicksie 107FM	335
0718	WRBE	106.9	MS	Lucedale	257
0721	WBBQ	104.3	GA	Augusta, calls	249
~~0724~~	~~WHKK~~	~~103.7~~	~~MS~~	~~Hattiesburg, Eagle~~	~~300~~
0735	WRQO	102.1	MS	Monticello, Q102	352
0742	WKQR	101.9	AL	Citronelle, Kicks	237
0749	WJCL	96.5	GA	Savannah, Kix 96½	219

6/7 tr

0751	WJDX	96.3	MS	Jackson, Mix 96.3	370
0755	WQCK	92.7	LA	Clinton	400
0757	KQID	93.1	LA	Alexandria, 93QID	487
0800	WSEB	91.3	FL	Englewood, calls	302
0802	WSOR	90.9	FL	Naples	337
0847	WYNR	107.7	GA	Darien, calls, k	183
0856	WSSL	100.5	SC	Grey Court, calls	301
0859	WIXV	95.5	GA	Savannah	219
0859	WRMB	89.3	FL	Boynton Beach, calls	376

6/8 tr

0800	WKNN	99.1	MS	Pascagoula	251
0808	KQID	93.1	LA	Alexandria, The Q	487
0812	WRNO	99.5	LA	New Orleans	349
0823	WNPT	102.9	AL	Linden	241
0829	WRKF	89.3	LA	Baton Rouge, ID	410
0905	WIZK	93.5	MS	Bay Springs	310
0909	WTYX	94.7	MS	Jackson, Oldies 94.7	370
0919	WALX	100.9	AL	Selma, local ad	209
0939	WENN	107.7	AL	Birmingham, 107.7FM,s	256
0947	WNSL	100.3	MS	Laurel, SL100	299

After getting a huge E-skip opening on June 3rd, I feel like I really should not even be complaining about the lack of more FM skip, since I know daytime skip openings are hard for most to see. I just happened to be home when John Combs called to discuss some tropo we had both been gettting when he said there was some skip, and while on the phone with John he said the MUF was quickly climbing and hit FM there. It took awhile to reach FM here, and fortunately since I had no class that day (and more importantly, my major professor, i.e. the boss, was out of town) I stayed in and enjoyed the DX! The trops have been plentiful as of late also, no doubt thanks to a stable high pressure which has kept us in the upper 90's during the day. I think the best logging of this report, or at least my favorite, was logging KVKI by E-skip AND trops in the same day! For awhile I thought there was a shot at logging some things by both E-skip and trops (shades of Mr. Cooper!) at the same time, and the signals were coming in from similar locationsat first (KDTN-2 Denton TX ID'ed via skip half an hour after hearing nearby KNON, and five minutes later KZFX via trops on FM!) but the skip won out. The interesting part was when I logged KIVY via trops after the skip had faded out! In fact I was able to listen to KOOI in the car on the way to school around 1345! I really wish we could have some evening openings, since I can't get away with what I did most days, and more importantly we all need some E-skip to otherwise liven up what has been the worst skip season I have ever seen. Here's hoping... 73's Matt.

Gus Mancuso, 5615 Inwood St., Hyatts, MD 20785

5/27 tr

2023 WJTM 88.1 MD Frederick, g, calls. In car from Bethesda in/out w/WJHU.

No sign of any Memorial Day skip unless some occurred on Saturday night when I worked. Will do annual atl. city trip in late June, watch for in AUG VUD.

STATION NEWS FROM GUS MANCUSO: Country growing,these stations have made the switch since last year: WRCY Warrenton, VA 107.7, WFRE Frederick, MD 99.9 and now WMDM Lexington Pk., MD 97.7. WJZE 100.3 now "Oldies 100" was "Jazzy 100".

Doug Allen, w2crs, PO Box 5646, Woodland Park, CO 80866
Equipt.: Onkyo T-4087 and FM-13 at 50'

5/3 Es
1052 WKLM 95.3 OH Millersburg, ID
1055 WLSN 106.5? ID, new call letters?
1056 WFDY-FM? KY? "WFDY-AM" ID
1106 WAZY 96.5 IN Lafafyette

5/17 tr
1010 KATT 100.5 OK Okla City, ID 478

5/26 Es
2020 KHTY 97.5 CA Santa Barbara,"Y-97"prev.ms
2030 KHIS 96.5 CA Bakersfield, rel, ID
2033 KBOQ 92.7 CA Marina, c,local ads

Fair amount of Es during May with contacts on 50 mHz most days, and Es reaching 88 mHz on 8 days, 98 mHz on 4 days, 108+ on 2 days, but not reaching 144 mHz while I was monitoring. Some good clsoe in tropo, but very litle beyond the normal 450 mile tropo scatter range. Divided my time between TV, FM and 50 mHz DXing. See you all in Nashville. 73, Doug.

Steven C. Wiseblood, 6393 N. Dakota St., Apt. #2, Brownsville, TX 78521
Equipt.: Radio Shack 6-element yagi at 20 feet, Denon TU-800 tuner

3/31 tr
2030 93.5 XHPP TA Tampico,ID 30 kw 24 255
hrs. mix of Mexican ranchera cumbia mx
2036 96.5 XHRN VE Veracruz,"aquien RN"470
2038 100.1 XHJT TA Tampico, lite a/c 255
2041 92.9 XHEO YU Merida EZ,SS guitar 600
2042 93.7 XHM-FM YU Merida,lite a/c, 600
U.S. & Mex. pop mx,:Super Estereo", ID
2145 92.7 XHSAV VE San Andres Tuxtla 535
"FM 92" concert promo, ads, full ID
"XHSAV en los seirras de Tustlas musica
romantica"
2203 93.3 XHPA VE Beracruz, ads,"FM 470
Globo estereo", a/c Latino mx
2207 102.9 XHTS VE Veracruz, ads, U.S.-470
contemporary, MOR. pop mx

4/11-12 tr (unless otherwise noted) 535
2225 93.3 WQUE LA New Orleans, ID "Q-93"
2230 99.3 XHMER YU Merida, ID, "Stereo
Ritmo Digital" 600
2242 100.1 XHEMZ TB Villahermosa, "FM
Globo Estereo", ID, ads,psa 616
100.7 WTGE LA Baton Rouge, "The 505
Tiger". r
2247 99.7 WOOF AL Dotham, ID,a/c mx 800
92.9 WBLX AL Mobile,IDs, soul,a/c660
2328 100.5 KBDR TX Laredo, oldies, 165
"the station between the nations"
2340 102.7 WXBM Milton, ID, k 700
2352 104.7 WRBQ FL Tampa, k, ID,"Q105" 935
2358 95.9 WRBA FL Springfield, ID,K96 780
0006 93.5 XHPP TA Tampico, ID 255
0011 101.9 WLMG LA New Orleans,lite a/c535
0016 96.3 KSCS TX Fort Worth, ID k 475
0035 97.1 WEZB LA New Orleans, ID, r 535
0650 102.7 WXBM FL Milton, k, ID 710
0654 102.7 KFQX TX Merkel,"West 102" k 470
0657 102.9 WIVY FL Jacksonville, 1020
"Coast 102.9", ads,traffic report
0700 104.5 WFYV FL Atlantic Beach,ID 1040
ads, "Rock 105", classic rock mx
0710 97.1 unID mxing w/ New Orleans
morn program with male and female anns.
playing a taped phone call with ment. of
"Howard Stern", also "here in Los Angeles"
0800 97.1 WEZB LA New Orleans 550
hit mix-dance mx, & talk program
0801 95.9 WBBN MS Taylorsville, "the Pine
Belt" ment. of Laurel,Winston, k 630

4/12 tr
0815 99.7 WOOF AL Dothan, ID,wx"WOOF" 800
0818 104.5 WGPC GA Albany, IDs 905
0829 99.3 WEEZ MS Heidelburg,g 630
0901 97.1 WEZB LA New Orleans,B97 535
1224 105.3 WLTS LA Slidell, wx, ID,ads 550
1230 106.7 KQLD LA Port Sulphu,oldies 540
1232 103.5 WDRR FL Callaway, r, ads, 795
"Panama City's concert station,conc.promos
1234 103.9 AL Ozark, r,"Q-103.9" 800
1248 99.3 WEBZ FL Mexico Beach.soul-EZ 800

4/14 tr 800
0340 95.1 WXFX AL Prattville, r, The Fox
0345 99.3 WEBZ FL Mexico Beach, 800
0347 100.7 WJLQ FL Pensacola, ID 700

4/23 tr
1920 99.3 XHMER YU Merida, ads 600
1926 98.1 KVET TX Austin, psa, k 305
2130 96.3 KSCS TX Fort Worth, ads 475

4/24 tr
2014 100.5 WHMA AL Anniston, ads 875
2015 99.3 XHMER YU Merida
2103 105.3 KRSR TX Dallas, k
2106 106.7 KYOT TX Granbury 465
2124 92.5 KZPS TX Dallas , r, ads

5/9 tr
1406 93.3 XHQQ NL Monterrey,"La Imbasora
1406 94.1 XET NL Monterrey
1413 92.5 XHSRO NL Monterrey,"$ Rey" 185

5/12 tr
1847 100.1 XHJT TA Tampico 255
1849 100.5 unID VE Beracruz, ads, 470
ads, "La Estacion en Veracrus=es la
cruz, lite jazz-new age-lite a/c mx-EZ/mx
1900 101.3 XHPR VE Veracruz,"Grupo FM en
Veracruz", "Oye-101", ads,Mex. rock
1900 93.3 XHPS VE Veracruz,
1909 102.9 XHTS VE Veracruz, "Stereo Oro"

5/13 gw
2249 90.9 XHRYA TA Reynosa,s/off,
"Estereo America"

5/14 Es
1901 93.7 KRAI CO Craig, ID,urban a/c

tr
2114 98.1 WGGZ LA Baton Rouge,oldies
2118 100.7 WTGE LA Baton Rouge 505
2138 97.3 KMDL LA Kaplan, ads
2143 93.3 KYKR TX Port Arthur. k
2144 94.1 KQXY TX Beaumont 360

cont.....

5/14 tr
2202 107.7 KPAL LA Erath,K-Pal 480
2203 106.3 KFXZ LA Maurice, ads, urban 480
a/c mx,"Red Hot Z-106.3"
2213 107.9 KIXS TX Victoria,Kicks 103,k 205
2214 104.5 KKMY TX Orange, oldies 360
2229 96.9 KIOX Tx El Campo,X-97, k 240
2236 92.5 KTFA TX Groves, g, ID 360
5/15 tr
0619 106.7 TX KDIL San Antonio,"The 255
Armadillo", k 255
0622 99.3 TX KVEZ Lufkin, oldies 415
0626 100.5 TX KBDR Laredo, B-100 165
0629 104.7 TX KKYS Bryan, "Mix 104.7", a/c.
r 325
0849 105.5 TX KCGR Portland, "CD Country",
ads, ment of Corpus Christi 145
0851 106.3 KPJN TX Gonzales, k, ID 260
0845 107.7 KNNC TX Georgetown, Euro style
rock-alternative r,"K-nack"
0858 104.3 KPLE TX Temple, k, ads 360
0901 96.3 KSCS TX Fort Worth, k 475
0902 96.7 KHFI TX Georgetown, a/c r 325
0903 97.1 KRTK TX Cleveland, c 345
0908 98.1 KVET TX Austin, k, "K-vet" 305
0908 98.3 KULM TX Columbus, k, ads 275
0911 102.3 KPEZ TX Austin, Z102 305
0912 103.5 KEYS TX San Marcos, a/c mx 275
0917 93.5 KBHT TX Crockett, "The music 400
Mix", a/c mx
2241 98.7 KICR LA Oakdale, ads 500
2249 104.5 KKMY TX Orange, oldies 360
2317 90.1 KPFT TX Houston, black activist
program 300
5/17 tr
0558 106.5 KOOI TX Jackson ID, ABC nx,m 450
0602 106.7 KYOT TX Granbury, EL 460
0605 107.3 KISX TX Whitehouse, "East TX
New Mix-107.3", a/c mx 465
0608 106.1 KYXS TX Dallas, r, "Kiss Mobile
Traffic Report" 475
0610 107.7 KTBQ TX Nacadoches, ads, psa,435
"the moldy oldie coming up", a/c mx
0614 105.5 KQTX TX Portland,"KQTX Sounds
Like Texas-CD Country", new calls? k 140
0624 104.5 KKDA TX Dallas, lite soul 475
0715 104.3 KPLE TX Temple,wx, k 360
1718 103.3 KJCS TX Nacadoches,wx, k 435
0725 102.5 KJNE TX Hillsboro, ID, k 435
0736 100.1 KRVV LA Bastrop, "100FM, the
River", r 590
0737 99.7 WJMI MS Jackson, s 630
0745 92.7 KIVY TX Crocket,k,Paul Harvey400
0747 92.7 WQCK LA Clinton, g,"Q-92.7" 535
0750 93.1 KPLE TX Tyler, ads, ID 470
5/31 tr
0759 101.3 XHAW NL Monterrey,SP traffic 175
rpt.,"cada hora a la aora",w/helicopter
noise in background,"A-W FM 101.3" 175
0812 103.7 XHITS NL Monterrey, "Rock FM",
Latin American Mex rock mx 175
6/1 tr
0546 89.3 KNON TX Dallas, black g 475
0549 90.5 KUT TX Austin,wx,ID, world nx300
0551 91.3 KNCT TX Killeen m 360
0556 96.3 KSCS TX Dallas, k, ads 475
0607 102.7 KFQX TX Abilene TX,"West 102",k
0729 106.7 KDIL TX San Antonio, k
1852 106.1 KTTX Brennam-Bryan-College
Station, k, ID
1910 91.3 KPVV TX Prairie View,psa,urb soul

6/1 tr
1911 89.1 KSTX TX San Antonio, ID 255
1917 90.1 KPFT TX Houston 300
2020 94.1 KLTY TX Fort Worth,ID, wx,ads 475
2024 98.7 KLVV TX Dallas, oldies 475
2038 106.1 KIOC TX Orange,urban rock 360
2100 91.5 KTDN TX Palestine, "Sunshine
Radio", g, 24 hr
2101 90.7 KLSA LA Alexandria, c
2127 97.1 KMMY OK Muskogee, ads, k
2156 94.3 KZSP TX Port Isabel, ID,a/c mx
2320 92.5 KZPS TX Dallas, r, ID 475
6/2 tr
0556 89.3 KSBJ TX Houston 300
0600 88.5 KEOM TX Mesquite, ID,psa's 450
0609 90.7 KSLA LA Alexandria,NPR 450
0612 90.9 KCBI TX Dallas, g 475
0623 95.9 KOKL TX Malakoff,k 422
0632 99.3 KVEZ TX Lufkin 390
0636 104.3 KPLE TX Temple, wx, ads 340
0638 106.1 KYKS TX Denton, ads, Kiss FM 480
1843 100.7 WJLQ FL Pensacola, "Magic 100.7",
lite soul 665
1851 96.3 WJDX MS Jackson, wx,Mix 96 585
1852 99.7 WJMI MS Jackson, soul 585
1856 104.7 WZZK AL Birmingham, ads, k,ID 785
1908 92.3 WCKW LA Laplace, ID, "Getting the
Led Out,92.3 WCKW",featuring Led Zeppelen
1913 105.1 WBKJ MS Kosoiusko, K105,ads,k 675
1920 89.3 KSBJ TX Houston, g 285
1922 89.9 WMAB MS State College, c, wx 720
1934 93.1 KQID LA Alexandria, r,"92-QID"450
1948 94.9 WKSJ AL Mobile, ID, ads, k 645
1954 95.1 KYRR TX Beaumont, k,"Kicker" 335
2010 88.1 WUWF FL Pensacola 665
2024 98.7 KICR LA Oakdale, k, ID 2100
2029 99.3 WEEZ MS Heidelburg, g,ads 630
2034 97.3 KMDL LA Kaplan, ads, ID, k 420
2040 94.7 KATG TX Austin,"Froggie 94",
"Austin's Oldies Station" 290
2053 99.1 KODA TX Houston,Sunny 99.1 285
2053 100.1 KRVV LA Bastrop, heavy metal 555
2254 89.7 KTXB TX Beaumont, ID 335
2257 91.5 KGRM LA Grambling,ID lite soul510
2259 91.3 KNCT TX Killeen, c 340
6/3 tr
0627 104.5 KKDA TX Dallas, K-104,nx 450
0632 104.3 KPLE TX Temple, k, ID 340
0636 102.5 KJNE TX Hillsboro, k 400
0636 102.9 WMSI MS Jackson, nx 585
0648 99.5 KISS TX San Antonio, ads, over245
local KKPS, Kiss slogon, ment of S.Antonio
0650 98.7 KLUV TX Dallas, oldies 450
0654 95.9 WKXN AL Greenville, ads, ment. of
"Greenville Mall, "the Kuzz", k
0710 94.3 KRVL TX Kerrville, ads, psa's 260
0754 106.5 KOOI TX Jacksonville, m 420
2058 107.7 KTBQ TX Nacadoches, ads, wx,Q107
2100 106.3 KPSO TX Falfurias, ID, tejano-
ranchera mx 98
2148 89.3 KSBJ TX Houston, g 285
2150 88.1 KNTU TX Denton, jazz hour
6/4 tr
0325 101.1 KONO TX Fredericksburg, oldies30
0326 101.1 WRR TX Dallas, c,mxing with KONO
0339 106.5 KOOZ TX Jacksonville, m 420
0343 104.7 KYYI TX Burkburnet k 540
0349 103.9 KCRM TX Cameron,ads,"Spirit 103.9"
0357 97.9 KLRX TX Dallas, ads, EZ,Light 97.9
0400 100.1 KRVV LA Bastrop, ID,100FM,the Riv.

cont..

6/4 tr
0402 105.7 KYKX TX Longview, k, ID 458
0405 107.7 XNMN NL Monterrey, "Stereo 175 7", ID
0645 102.3 XHMW Nuevo Laredo, lite Mexican Latin, a/c mx
0645 99.3 XHNK Nuevo Laredo,Mexican Salsa
0645 97.1 KEGL TX Dallas, "The Eagle" 475
6/5 tr
0808 91.3 XHNOE Nuevo Laredo,Estereo 91
0816 106.1 WZTQ TX Laredo
6/6 tr
0047 100.7 WTGE LA Baton Rouge, r 465
0050 98.1 WGGZ LA Baton Rouge 465
0858 90.7 KLSA LA Alexandria,NPR,ID,c 450
1159 91.3 KVLU TX Beaumont, ID 335
6/6 Es
1945 89.3 KLAS JAMAICA Kingston, 1040 promo for "The Breakfast Club",at 6:00-9:00 promo for devotional by Father Ian MacPherson at 10 min. before 6:00 in morn, ID
1953 91.5 unID Jamaica? lite-romanic soul, black a/c mx
6/8 tr
0625 90.9 KCBI TX Dallas, g, ID
0629 90.9 KAMV TX College Station, NPR, ID
0634 92.3 WCKW LA La Place,sports
1941 91.3 KPVV TX Prairie View ID, lite soul ID by male w/ Jamaican type accent
2014 98.1 WGGZ LA Baton Rouge, oldies
Es
2036 91.9 KQSD SD Lowry, wx,, "blues events in South Dakota this week."

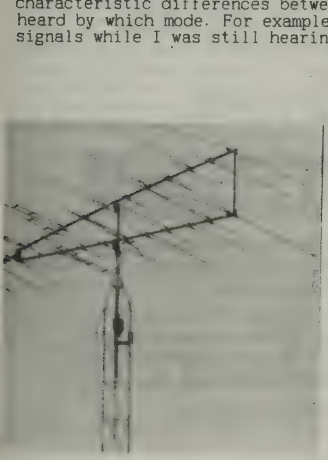
John F. Combs N4SFS, POB 721027, Orlando FL 32872 (904) 282-6945

5/23 Es
1508 KERA 90.1 TX Dallas, ID 970
1521 KCBI? 90.9 TX Dallas, Baptisty g mx
6/3 Tr, Es (from 0931 on)
0744 KQID 93.1 LA Alexandria 705
0748 KEGL 97.1 TX Fort Worth 970
0750 KHFI 96.7 TX Georgetown, ID 995
0754 KYYK 98.3 TX Palestine 880
0802 KOOI 106.5 TX Jacksonville 870
0804 KRSR 105.3 TX Denton, local talk 970
0810 (KOAI) 106.1 TX Denton, lcl traffic 970
0819 KUHF 88.7 TX Houston 860
0822 KERA 90.1 TX Dallas 970
0823 KCBI 90.9 TX Dallas, local tx, ID 970
0824 KVTT 91.7 TX Dallas 970
0835 KFGI 94.7 TX Luling 985
0838 KSCS 96.3 TX Fort Worth 970
(FOLLOWING LOGGINGS E-SKIP)
0931 KNTU 88.1 TX Denton 970
0932 KETR 88.9 TX Commerce 925
0933 KMUW 89.1 KS Wichita, lcl wx, ID 1130

6/3 Es (continued)
0939 KRZK 93.5 OK Altus 1140
0940 KQLI 94.3 OK Lawton, local ads 1095
0944 KXXY 96.1 OK Oklahoma City 1060
0952 KBEZ 92.9 OK Tulsa 980
1004 KFXI 92.1 OK Marlow 1070
1015 Had to go...Sittel says I missed a lot!
6/4 Tr
0452 WRHQ 105.3 GA Richmond Hill, ID 235
0453 WFXH 106.1 SC Hilton Head Island, lcl ad
0454 WLOW 106.9 SC Bluffton
0455 WIJY 107.9 SC Hilton Head Island, lcl tx
0456 WQDR 94.7 NC Raleigh 520
+ most Savannah FMs solid
6/7 Tr, Es
0754 WKKZ 92.7 GA Dublin, local ads 300
0755 WTYX 94.7 MS Jackson 600
0845 WQZY 95.9 GA Dublin, ID 300
0855 (WZLI) 106.1 GA Toccoa, ID as "Toccoa-Athens-Gainesville," area ads 440
1226 KPAC 88.3 TX San Antonio, lcl tx 1025

All broken-underlined loggings previously heard by Es. Parentheses on KTKS and WZLI are because I believe both have new calls. The former has a "Kiss-FM" non-ID, and Matt thinks the calls are now KTKS. The ID on the former WZLI sounded like "W?OT" or similar.

June 3rd will certainly go down in my history books as one of my more unusual DX days. It started out with the first Gulf tropo opening ever noted in FL in June, and the best ever to the Dallas-Ft. Worth area. After a couple of hours of this tropo, E-skip suddenly made an appearance on lo-band TV and quickly rocketed into FM, resulting in my briefly having E-skip and tropo to the same area simultaneously -- a first for me in 20 years of DXing! Fortunately, the tropo was fading by the time the skip showed up, so I went by the common, characteristic differences between the two modes (and the apparent MUF) to figure what was heard by which mode. For example, KNTU and KETR exhibited the typical strong, fluttery Es signals while I was still hearing KEGL very weak and steady by tropo. Unreal. Log at 384.



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GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID, WA,OR,AK,Canada

JULY 1993 ⟶ DEADLINE: The 5th LOG-CUTOFF: 2 months from postmark

This year's skip season, at least as of mid-June, is a big disappointment. There has yet to be a major opening; the closest thing has been a decent opening the afternoon of June 3rd, which was caught by some DXers. There was some isolated FM E-skip on May 16th and the 31st. Overall, there have not even been very many openings reaching ch2 or 3, let alone into the FM. There have yet to be any widespread trop outbreaks, although there were some openings in early May. If you have had any DX, why not let us know!

Michael Hawk (NØOSY) - 10212 P ST - Omaha, NE 68127-2130
Equipment: Kenwood KT-815 w/150 filters; Antennacraft FM-10 up 30'; 20 dB variable attenuator

May 1993 DX

3 TrS

1924 102.5 KBLS KS Ft Riley, Sunny 102.5 140

13 Es (1931-1937, MUF 92.1)

1934 92.1 WFEZ FL Williston, weak 1121
1936 88.1 WHIJ FL Ocala, g 1145

15 Es

0803-0807, MUF 89.1; NO ID's

16 Es (2002-2054, MUF 105.1)

2004 92.1 CJAY AB Calgary, C-Jay 92 1099
2006 93.7 CKUA-1 AB Calgary 1099
2008 95.9 CHFM AB Calgary, very strong 1099
2011 99.3 CKUA-2 AB Lethbridge, //93.7 1050
2013 102.1 CBR AB Calgary, CBC 1099
2016 103.9 CBRF AB Calgary, French 1099
2019 105.1 CKRY AB Calgary, k 1099
2022 90.5 CBUF-2 BC Kelowna, FF 1282
2026 91.3 CKUA-13 AB Drumheller //99.3 1064
2028 88.9 CBTK BC Kelowna, opera 1282
2029 94.9 CBTA BC Trail, //88.9 1187
2040 97.5 CHRK BC Kamloops, wx; "K-97" 1337
2055 91.7 CBBC AB Lethbridge, $ 1050

23 Es (off/on 0809-0854, MUF 102.1)

0840 97.5 KVNA AZ Flagstaff, lcl ads 943
0845 99.1 KNOT AZ Prescott, now here from 98.3 1007
0847 102.1 KAHM AZ Prescott, brief 1007
0851 88.7 KNAU AZ Flagstaff, ID and wx 943

27 Tr

2157 92.7 KBRB NE Ainsworth, lcl sports 217

31 Tr

1043 97.5 KQSK NE Chadron, Double Q Country 375

31 Es (1035-1120, MUF 107.5)

1044 97.5 KNLR OR Bend, New Life 97 1299
1047 94.9 KIOK WA Richland, OK 95 1212
1049 89.1 KFAE WA Richland, NW Pub. R. 1212
1058 91.3 KOAB OR Bend, OR Pub Brdcstg 1299
1059 90.9 KRMBtOR Pendelton, //91.3 ID partially covered by KUCV 1181
1108 94.9 KFXD ID Nampa, "The Legend, KF-95" 1059
1109 107.5 KLRR OR Redmond, Clear 107 1293
1112 97.9 KQFC ID Boise, legal ID 1042

Although there were a large number of E-skip openings, most were short-lived, not very intense (low MUF's) and to unpopulated areas. This pattern also exists on 10 meters. There were 4 more openings observed at 28 MHz this May than last. Tropo has been terrible. There have been about 3 or 4 openings into SD (300-400 miles), but nothing all that great. The weather is even cooler this year than last, and it has been very rainy, putting a damper on tropo. 73

BILL NIENAJADLY - PO BOX 2999 - CLIFTON, NEW JERSEY 07015
Equipment: Pioneer TX9800 modified with RS 6 element antenna, KF20K- new call for me

MAY 1993 DX

1 Tr

0830 WRSF 105.7 NC Columbia, new country format now 360
0900 WCXL 104.1 NC Kill Devil Hills, strong as hell! 340

23 GW/TrS

0030 Phone call from Joe Pela: many NYC's off!
0040+ WWSH 97.9 PA Hazelton 100
WJBR 99.5 DE Wilmington 105

MAY 23rd continued

0042 WONJ 98.5 NJ Ocean Acres, they are parallel to WJLK 94.3 NJ 95
WWLI 105.1 RI Providence, first time they have been heard since 1983. 150
0112 WSKR 102.7 NJ Petersburg, sports 125
0116(WPLY) 100.3 PA Media, Philadelphia's Y100-lame! 95
0124 WIOV 105.1 PA Ephrata, long wanted 140
0130 many other stuff heard already, unneeded needed stuff was not heard.

Comments: Some e-skip on TV, nothing on FM yet. Took advantage of E-skip on 10 meters instead of staring at "lines on channel 2", made some 10m contacts to NC & SC-neat! I received my new Advanced Class call: KF20K, a lot easier than N2QJJ (Congratulations, Bill-gc). On the average, have been much more into ham radio than TV or FM DXing. No blockbuster springtime tropo like last year. Let's hope.....for.....a decent e-skip season..Good'dxing, Bill N.

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two GM Stereo Probe 9 antennas and rotors at 38 and 36 feet above ground separated at 23 feet, with use of Bolin phase box.
*Denotes use of phase box.

February 1993 (EST)

12 GW
1200 WXTZ 93.9 IN Noblesville-Indy, 45
(first day on air) s/on, b, m, ez r$

23 tr
1908 WFWI 92.3 IN Fort Wayne, r$ 62
(testing ID w/r and Christmas music in $)

March 1993

1 MS
0100 KKRP 93.5 LA Delhi, 634
"...93.5 FM Delhi..."
0111 WKRK 93.5 FL Key West, 1100
"...in the keys..."

4 tr
2300*WBAA 101.3 IN West Lafayette, c$ 83
(o/WFMG 101.3 IN Richmond) 35

8 tr
1800*WJLY 93.3 IL Ramsey, weak ID 211
(o/WBTU 93.3 IN Kendallville) 88

14 MS
0224 KBHTt 93.5 TX Crockett, 834
"...best hits..."

15 MS
0044 WARQt 93.5 SC Columbia, 489
"...WAR..."

23 tr
0158 WIIZ 98.7 IN Battle Ground- 83
"The Wizard" Lafayette, op$

25 tr
1454 WIFF 102.3 IN Auburn-Fort Wayne, 83
ex-105.5 k$, "Country-102"

March 1993 (Cont'd)

27 tr
0100 WCZY 104.3 MI Mount Pleasant, 237
b$, "Cozy-FM"
0300 WKFG 97.5 MI Whitehall- 228
Muskegon-Grand Haven, k$, "97-Frog"
0306 WKBZ 95.3 MI Whitehall- 228
"KBZ" Muskegon, t$, wx
1700 WCSE 97.5 MI Bridgman- 137
"Cozy-98" Stevensville, mr$

28 tr
0529*WUBU 106.3 IN South Bend, weak 113
(o/WDJB 106.3 IN Columbia City)

April 1993 (CDT)

4 tr
0255*WTLM 96.1 IL Rantoul- 146
Champaign-Urbana, r$, "Eagle-96.1"
(o/WQLK 96.1 IN Richmond) 35

7 tr
0000 WWDZ 94.9 IL Danville, pr$ 118

11 tr
0104 WFHB 91.3 IN Bloomington, 93
prs$ (IN #200)

22 MS
???? WWNO 89.9 LA New Orleans, 755
"...at 89.9 FM WWNO..."

May 1993

11 tr
0400*WYDS 93.1 IL Decatur, k$, 221
(o/WKLR 93.1 IN Indy "D-93"

12 tr
2146*WJEZ 93.7 IL Pontiac, 177
ex-103.1 rm$
(o/WQKC 93.7 IN Seymour) 88

Can Spokane Public Radio rely on you for membership support?

"Ectasy" is back in Indianapolis, but it's not like the original WXTZ. This station alternates between b instrumentals, m vocals, and ez rock vocals. WMRI in Marion, IN on 106.9 (and those simulcasting), is similar. There is no exclusively b station in IN that I can think of. Those days are gone, so it seems. WFWI 92.3 in Fort Wayne is r, not k, as someone reported.

While driving in Indianapolis, I discovered WBAA 101.3 West Lafayette, IN on the air. WBAA was fighting with 101.3 WFMG Richmond, IN. When I arrived home, I could easily receive WBAA with phase. WBAA broadcasts from 0600-0000. WIIZ 98.7 Battle Ground-Lafayette is a good station and on the air 24 hours each day.

I didn't think South Bend was on the air, but to my surprise I taped "Mix-106 WUBU." The signal was very weak and soon gone. Another station with a very poor signal is WFHB 91.3 Bloomington, IN. This station is on from 1400-0200. 73- Ralph

WMRI 106.9 fm
easy listening music

SWO Lite Hits! 93.5 FM

DAVE NIEMAN-12284 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX-11a tuner, Channel Master Stereo Probe 9 at 36 feet AGL on crankup tower, (826 feet ASL). Alliance HD-73 rotor and RG-11 coax.
New loggings are underlined. New call (KKKK). New propagation mode WWWW.

MAY 1993 DX
12 tropo
09:44 WBUK 107.5 OH Fort Shawnee, "The Big Buck", o$ 327

MAY 1993 DX
15 tropo
21:00 WZXV 99.7 NY Palmyra, ID, g$ new to air 60

Not much going on other then another new station coming on in Central New York. Dave

DAVE NIEMAN - HO STA GEH - ROAD-ROCK CITY, NEW YORK

Equipment: Carver TX-11 tuner IF filter modified. Antennacraft FM-10, at 25 feet AGL,(2415 feet ASL), Winegard FT-7600 variable FM trap for 95.7mHz, RG-6 coax and Radio Shack rotor.
New loggings are underlined. New call (KKKK). New propagation mode WWWW.

MAY 1993 DX
8 tropo & Meteorscatter
03:00 WCOU 88.3 NY Warsaw, ID, g$ over open carrier of lcl WSBU St. Bona. NY 58
04:00 CHUO 89.1 ON Ottawa, lcl references on phone in talk show, $ lcl WCID Friendship NY temporarily off air 274
04:29 WMXD 92.3 MI Detroit, "Mix 92.3", sr$ semi lcl WRRN Warren PA off air for the night 235
10:00 WUOT 91.9 TN Knoxville, ID, $ 508
9 tropo
07:44 WLTJ 92.9 PA Pittsburgh, "Lite FM 92.9", rm$, over semi lcl WBUF Buffalo NY 132
15 tropo & scatter
14:12 WZXV 99.7 NY Palmyra, call, g$ new to air 94
17:41 WKPK 106.7MI Gaylord, "106.7 The Peak", $ 382
22 tropo & Meteorscatter
02:43 WESA 98.3 PA Charleroi, call, rm$ lcl WQRT Salamanca NY off for the night 151
10:18 KAXE 91.7 MN Grand Rapids, call, $ 886

WPEM 12.50 AM
99.3 FM
EMPORIUM BROADCASTING CO.
P.O. BOX 310
EMPORIUM, PA 15834

-Added a few new stations and states (Tennessee & Minnesota) to the log this past month. I have been having good luck in catching some meteorscatter IDs during the slow tropo periods of the day.
-I made a phone call to WBFO 88.7 Buffalo which solved the mystery; where's the transmitter site for little sister station WOLN 91.3 Olean, on WPIG's tower. Dave

BRUCE ELVING - P.O. BOX 336 - ESKO, MINNESOTA 55733-0336

Here's my report for now. No skip, except for some UT heard around 8 p.m., CDT driving west of Duluth May 16. Earlier tropo I printed in my FMedia! newsletter, which will include occasional DX news. On 8-9-92 at 8 a.m. WLLT 107.7 Polo, IL; 2-9-93 KPFX 107.9 Fargo ND, and on 3-8 when local WSCN was off the air, KXAC 100.5 St.James, MN, co-owned with KXAX 104.9 there. I am working on a new FM Atlas, as the current edition will be sold out by the time this gets to print. No promise as to when the new edition will be ready. (Looking forward to that Bruce, as I am sure many are! In answer to your questions, WEKX 102.7 TN was in stereo. I am not positive but fairly certain that WYGO 99.5 was also stereo. They do not stand out in my mind as being mono-gc).

WTFDA Conference '93
Nashville, Tennessee
Hope to see you there!

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

Equipment: JVC auto-radio. Phone: (716) 461-2717 (h), (716) 494-1847 (Tu and Th)

APRIL 1993 DX

15 (New Canaan, CT)

As a special treat I had a chance to do some DXing for about 2 hours in New Canaan, CT, where I first discovered FM DX around 1971. The band is of course much more crowded now, and there have been lots of call changes, but I did manage to hear Star 104.5 Philadelphia on the Sunbird rental car radio.

16 Tr

1532 WALKt 97.5 NY Patchogue, likely them with WA?K calls in mess

22 Tr

1414 WBBG 93.3 OH Youngstown, popped in over WWSE with "Oldies 93"

1702 WKMZ 97.5 WV Martingsburg, caught portn of multi-city ID "also serving Hagerstown-Winchestr" many bursts during this time over WCIZ, STATE 22

1703 WALKt 97.5 NY Patchogue, possibly them with "Walk's five o'clock gold"

MAY 1993 DX

11 Tr

1145 WJCHt 91.9 IL Joliet, possibly them with burst of Family Radio program. Prev. heard

13 GW

1600 WZXV 99.7 NY Palmyra, noted for first time with "Jesus Radio" programming.

14 MS

0930 WCOS 97.5 SC Columbia, Quick :30 ID burst "WCO...", not sure who else it could be. STATE 23 if so.

15 GW

2045 WZOS 96.7 NY Oswego, had a chance to do some DX on Lake Ontario shore, finally got this one

May 25 Tr

1005 WEFRt 88.1 PA Erie, unIDed station with relig. program under WFRW // 89.5 Family Life Net. which was weak under CIUT. (Who is Family Life net on 89.5? WEFR has always been // to WFRW when I have heard them-gc) JUNE 1993 DX

3 Es (1243-1330 MUF 104.9)

1243 KLTNt 93.3 TX Port Arthur, Spanish station (Jim, this is probably what that was-gc) 1385

1247 KRVVt 100.1 LA Bastrop, promo for a music event at the Monroe Civic Center 1059

1259 WQUE 93.3 LA New Orleans, "Q-Q-Q-Q FM" ID. They might have been the one with Paul Harvey just before (hate to disappoint you, Jim, but I IDed that one: it was KPLV-TX. Hope you didn't need it!-gc). STATE 24. 1145

1304 KAFX 95.5 TX Diboll, "K-Fox East Texas" New STATE 25! 1256

1307 KFGI 94.7 TX Luling, with "The best and most oldies ('ribbit'), Froggy 94, digital 94.7" 1452

1318 KWTX 97.5 TX Waco, "97.5 FM", non-IDs and ads for the Waco area 1322

1323 KNFO 95.5 TX Waco, with k, K95 1322

1452{WHEN}107.9 NY Syracuse, new calls and ID "New, hot country WHEN" 73

Werner Fukenhauser of Guelph, Ontario told me that there was visible aurora on May 9th, much later than usual. Finally some e-skip on June 3, with nothing noted during May (It was certainly a very poor May-gc). No tropo to speak of either. The limited number of open channels in Rochester is very frustrating. I'm sure that others heard much more than this (not that much more, hi-gc), but I'm happy to exceed my previous Es distance of 1307 miles (Key West FL) with KFGI 94.7, and get LA and TX for 2 new states, and to pass the 300 station mark. (Note: This is a consolidation of two reports, the first of which must have gotten lost on its way here. That happens from time to time, so if you do not see your report appear in the month it should have, perhaps it got lost, and I would be happy to put it in a later Northern FM column sometime-gc)

KEN ONYSCHUK - 3623 UNION AVE #4 - STEGER, ILLINOIS 60475

Equipment: GE Superadio 2885F

A few items to report from my old Homewood address. DX on March 26: 1st time heard for these, 95.3 WAOR Niles, MI with ID at 5:35pm; 95.7 WLRX Nappanee, with Star 96 promo's 5:50 to 6 p.m., in and out with WZTR Milwaukee. 96.1 WKEZ Holland, Mich with ezl/mor music at 5:59 p.m., ID. 96.5 WKLH Milwaukee, with ID at 6:01pm. 96.9 WYEZ Brennen, Indiani, with ezl music (ex Elkhart, Ind. calls) at 6:05pm, 97.5 WCSE Bridgeman, Mich, at 6:12p.m with Cozy-Fm non-ID. 97.7 WZOW Goshen, Ind. with ID at 7:51 p.m., 98.1 WDFM Defiance, Ohio, with ID at 8 pm, 100.1 WGLC Mendota, Ill. with ID and weather at 8:25 pm, 101.3 WCUZ Grand Rapids with ID at 8:35 pm. 102.5 WIOG Bay City, Michigan with pop music and ID at 8:40 p.m. That was pleasant DXing, filling up a few open frequencies in my log. Anyway, hope to see many of you in Nashville. Good DX.

STATION NEWS: In Minneapolis, 100.3 is religious no more; that frequency is now occupied by the ever popular country music format, as WBOB, "Bob 100". Farther to the south, KKYS 104.7 Bryan, Tex. is now using "Mix 104.7". WFMJ 106.5 Bay Minette, Alabama is now on that frequency, and it gets out well. They use the slogan "The All New Lite Mix 106" and have an a/c format. Some news from Canada: The vacant 97.5 London spot has been awarded to CIQM 103.1. They will move there and become "Q 97.5", reportedly with 100kW. It will surely be widely heard. There is speculation that the old 103.1 spot could go to CHLO-1570 St.Thomas. CKDK (102.3) Woodstock, Ont. is to move to 103.9 later this year, and a substantial power increase to 65 kW. CKMP 1230 in Midland, Ont. will be moving to the FM dial, 104.1 to be specific, but with only 129 watts. It has been reported that CIRV 88.9 Toronto had moved frequencies to 88.9, that is true, but there is also a power increase invovled, to 413w, and a downtown transmitter location. Cornwall, Ont. will be getting a French language FM station, on 92.1,with a power of 19.2 kW. CHYR in Leamington is to go to 96.7 Mhz, with a p[ower of 19.3 kW (Seems awfully short spaced to the powerful CHYM!). Back in the U.S., 95.5 in the Salt Lake City area is no longer top 40, now they are country gospel music. Two major changes in Boston: 96.9 is now WBCS, and country, following the lead of WCLB 105.7. In addition, 94.5 is now WJMZ, and dance music, with the slogan "Jammin' 94.5". In Dyersburg, Tenn., WKNQ 90.7 is on the air, as a relay of WKN) 91.1 Memphis, also Columbus, Miss. 94.9 is now on the air. WAQZ 107.1 Milford-Cincinnati joins the growing rank of modern rock stations, with the slogan "Channel Z". Another growing format is country, which adds 93.3 in Quincy, Florida. In Washington, DC, 100.3 has changed from WJZE to WBIG, and 50s and 60s oldies. WCXL 104.1 Kill Devil Hills, NC is on the air, reportedly with a very strong signal, and a lite a/c format. Two Indiana stations noted on the air are WFWI 92.3 Fort Wayne, and WXTZ 93.9 Noblesville-Indianapolis. 107.9 in Beaumont, Texas is finally back on the air, with the calls KX, and a Tejano format. Signing on with that same format is KUKA 105.9 San Diego, TX. 104.7 in Fulton-Syracuse, NY now has the calls WBBS ("B104.7", country). WIYQ 99.1 Ebensburg, Pa. has changed calls to WQKK, and it is now relaying album rock WQWK University Park, Pa. as "The Quick Rock Network". In another call change, WKHI 99.9 Ocean City, Maryland is now WWFG. 92.1 St.John's-Lansing, Mich. is now WWDX, "The Edge", and modern rock music. WFXO 104.9 Iuka, MS goes country. WKJA 92.1 in Bellhaven, NC is on the air now, paralleling WKOO 98.7 (oldies). WMXF 96.5 in Southeast North Carolina has gone oldies. 93.5 in Naples, Fla. is now WNOG and a news/ talk format. KBUZ 90.3 in Topeka, KS is on the air, with a contemporary Christian format. WTUS 102.7 Mannington, WV is on the air, with country music. Same state, same format for another new station: WVRC 104.7 Spencer. WXIE 92.1 in Oakland, Md. has switched to a classic rock format. In the Hampton Roads area, 93.7 WKOC now plays modern rock at nights. Algoma, Wisconsin has moved from 96.5 to 96.7. WEZR 107.5 Brillian, Wisc. is on with easy listening music. WAYS 99.1 Macon, Ga. is now using an "Oldies 99.1" slogan. WDBN 107.5 in GA is "Mix 107.5" and a/c. More Georgia news: WYSC 95.3 McRae is country, as is WQZY 95.9 Dublin, soon to be 100 kW. Their slogan is "Y96". 90.9 Ft.Gaines is on, as WUWV, and an affiliate of Peach State Public Radio. WKUB 105.1 Blackshear is satellite country, but a slogan of "Hometown Country". WKIG 106.3 Glenville is a/c ($) and uses "K106". WXMK 105.9 Dock Junction (Brunswick area) is on as "Magic 105.9" and a top 40 format. WMOG 92.7 St. Simon's Island is a/c with an "Island 93" slogan, and WQQT 103.9 Springfield was heard with oldies music. And now some station news from the Carolinas: If you hear a "Touch 93 and Touch 103.9", that is WKWQ 93.1 Batesburg,SC, and WKSO 103.9 Orangeburg. WHSC 98.5 Hartsville,SC is now "Hometown Country". WNMX 106.3 Newberry-Columbia is a urban-top 40 format, and "Hot Mix 106". WFSS Fayetteville, NC has moved to 91.9. In another move, WAHD Wilson, NC is now on 99.9, with dance music, and ethnic programs on weekends, and lowsy audio! WIOZ Southern Pines, NC has also moved, to 106.9, and how has a large coverage area. WONO Walterboro, SC, is now on 93.7, country ($), and gets out well. WQKI 93.9 St.Matthews is urban ($), and "93.9 QKI". Thanks to Mark Strickert, George Greene, Bruce Hall, Doug Smith, Matt Sittel, Dave Nieman, Ralph Strobel, Paul Mount, Bob Smolarek, Saul Chernos, and Bill Nienajadly, for providing station information.

dBRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JR-S201 receiver (IF mod with 3/110 khz filters), Magnum Dynalab Sleuth 205 amp, Probe 9 fed with RG6 at 50 feet AGL, Crown rotor. Distances are in km's

APRIL 1993 DX

29 Tr

0753 WKFM 104.7 NY Fulton, k, B104.7 WKFM Fulton-Syracuse, hit after hit, Today's Hot New Country", ex Kix FM, and new format (Now they are WBBS-gc) 314

30 Tr

0750 WAPS 89.1 OH Akron, pj, "367-1117, Make the call, it's 750 and the Akron Weather" 248

MAY 1993 DX

6 GW, TrS, Tr

0725 CKNX 101.7 ON Wingham, r "On the Maximum CKNX FM 102", Maximum new slogan 119

0817 WBCH 100.1 MI Hastings, rm, promo, calls 411

0828 WRJS 98.5 PA Oil City, k, The Country King 198

0847 WONE 97.5 OK Akron, r, 97 Rock after Harry Chapin's WOLDDD, 97.5 WONE 248

0855 WRRK 96.9 PA Braddock, Rock 97, Time For Rocn & Roll, WRRK Braddock-Pittsburgh 302

11 Tr-TrS

0619 WKYE 95.5 PA Johnstown, r, Key 95, "Strap your-self in tightly, this is no place for a wimp" 330

0642 WQMX 94.9 OH Medina, k, FM 94.9 "Akron's Hot Country FM", format change 248

0703 WPHD 94.7 PA Tioga, op, simulcasting WKGB 92.5 Susquehanna PA/Binghamton NY 291

13 GW, TrS

0703 WNUC 107.7 NY Wethersfield, calls, country ex: WBMW and WEZQ 174

0722 {WMMX} 107.7 OH Dayton, new format 320

14 TrS

1200 WHVT 90.5 OH Clyde, "WHVT Clyde, this is BNN news, I'm Hank Ferry" 300

16 TrS

0923 WQBE 97.5 WV Charleston, k, Q97, It's called Heaven, it's an acapelle song on 97.5 WQBE" 542

17 Tr/GW

0629 WOLN 91.3 NY Olean, jc, "Morning Edition on WBFO & WOLN is made possible by the Buffalo News" 190

0700 CIRV 88.9 ON Toronto, e$, Serve-FM "This is 88.9 Serve FM Toronto's Multicultural Super mix", into Broadcast news, was on 88.7 94

19 Tr/TrS

0732 WZXV 99.7 NY Palmyra, g, Jesus 99.7, "Write to us at WZXV 1777 Route 332, Palmyra,NY 14425" 248

0714 WKLT 97.5 MI Kalkaska, r, Double Rock KLT 432

20 TrS

0759 WKYS 93.9 DC Washington, rs, "We have 51" at National Airport, I'm John Irving, now 759 and you're up to date at 93.9 WKYS Washington" 543

May 24 TrS-Tr

0700 WRRR 93.9 WV St.Mary's, r, 93R, "This is 93R, WRRR St.Mary's, WNMR-FM New Martinsville, and W226AB" (Hannibal, Ohio?) 422

1528 WBBG 93.3 OH Youngstown, o, Oldies 93 "Our call letters are WBBG which stand for We Bring Best Goldies" 226

1955 WLFF 96.7 PA Mercer, g, religious music, dals ex: WKTX, op, CHYM Kitchener, off, high winds 209

25 TrS

0734 WRLF 94.3 WV Fairmont, op, 94 Rock 404

0753 WKFM 104.7 NY Fulton, k, B104.7 WKFM Fulton-

26 Tr

0612 WFCB 94.3 OH Chillicothe, r, B94, 'local ad 477

0637 WKBI 94.3 PA St.Mary's, r$, The Wizard 455

0700 WIYQ 99.1 PA Ebensburg, r$, Quick Rock is WQWK University Park, WIYQ Ebensburg, the new non stop rock & roll station for Johnstown, State College,and Altonna, new non ID // WQWK 97.1 320

29 TrS

0601 WOUL 89.1 OH Ironton, cj, Ohio University Public Radio, mentioned 50,000 watts 549

0900 WKQW 96.3 PA Oil City, o, "Good Times & Great Oldies 96 KQW-FM WKQW, WKQW-FM Oil City" 193

31 Tr

1040 WTWR 98.3 MI Monroe, "98.3 Tower 98 giving you the best hits, giving you the most music and you don't even have to lift a finger, keep it locked in to 98, 98, 98.3" 288

Too many relogs! Where's the spring super trops? Where's the skip? Must have jinxed annual Memorial Day weekend skip by holding a pre-Nashville warm up mini-convention in Brantford. Conventioneers Greg Coniglio, George Greene, and Saul Chernos made the Grand Riverfest, but Mr. Skip could only stay for a minute or two. He crashed the riverfest festival with his friends WPBT ch2 Miami, KPRC ch2 Houston, and KBTS ch3 Shreveport, and also brought along with him Gretzky's renegades who destroyed my beloved Toronto Maple Leafs!!! No FM skip ID's as of Memorial Day morning. Mr. Skip will likely reappear later today when I'm at work and Greg and company are on their Toronto sticker raid. Thanks for the party guys, see you in Nashville. PS. You can take all the souvenirs back to the good old U.S.A. if you want, but keep your hands off the Stanley Cup, cause the Montreal Canadiens are keeping it on this side of the border this year!!! (Well, as I am typing is, the Canadiens fulfilled your prediction, Bruce. I hope to see many of you in Nashville as well!-gc) 73 dB

JOHN EBELING - 9209 VINCENT AVE SO.- BLOOMINGTON, MINNESOTA 55431

FROM BLOOMINGTON, MN (CST used)

JANUARY 1993 DX

12 Tr

2300 KDNW 97.3 MN Duluth, ex 90.5; 40 kW

19 Tr

2307 KXAC 100.5 MN St.James

FEBRUARY 1993 DX

16 Tr

0800 KSNR 100.3 MN Thief River Falls

18 Tr

2315 WQJY 100.1 WI West Salem

2330 WRHN 100.3 WI Rhinelander

WCTS 100.3 off for these, will become WBOB

MARCH 4 Tr

2200 KCFE 105.7 MN Eden Prairie,new, Cafe-FM

MAY 13 Es*

1900 K220CG 91.9 ID Salmon (KBSU xtr, KBSU ID, KBSU is on 90.3)

1900 KBSM 91.7 ID McCall, same as KBSU

PROSIT, MN LOCATION (CST used again)

JANUARY 1993 DX

3 Tr

1700 KDNW 97.3 MN Duluth, ex 90.5 29

1730 WQPM 106.1 MN Princeton, ex 106.3 109

1800 WNCV 89.3 MN Duluth, ex 89.1 29

10 Tr

1122 WLDY 93.1 WI Ladysmith 126

MARCH 1993 DX

26 Tr

1320 KCFE 105.7 MN Eden Prairie -

1700 WZRK 93.5 MI Hancock 190

2245 WJJH 96.7 WI Ashland 87

27 Tr

1935 WAAH 102.3 MI Houghton 191

APRIL 1993 DX

2 Tr

1600 W296AV 107.1 MN Duluth, translator for WCDK 99.9, a powerhouse 29

4 Au

2315 KWMG 93.5 NE Columbus 452

6 Tr

2030 KPFX 107.9 ND Fargo 198

MAY 1993 DX

2 Tr

1700 K234AA 94.7 MN Bemidji, KAXE 91.7 xtr 111

2150 K272CR 102.3 MN New York Mills, translator for KJJK 96.5 -

3 Tr

0815 KXAC 100.5 MN St.James 230

8 MS

0947 KGCH 93.1 MT Sidney -

10 Tr - local WSCD 92.9 off the air

0933 WECL 92.9 WI Elk Mound 153

1000 KFSI 92.9 MN Rochester 205

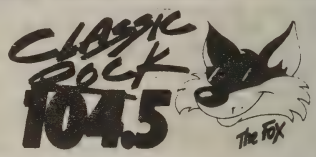
1001 WGNV 88.5 WI Milladore 208

1050 WMQA 95.9 WI Minocqua 159

1056 WDUX 92.7 WI Waupaca 250

1100 WMZK 104.1 WI Merrill 188

1100 WKBH 105.5 WI Trempealeau 215



As you can see from the above, there were a few good trops days which I was able to take advantage of. Also had a few days with some locals off & opened up the frequencies. Regards for now,

John Ebeling

ALAN R. MILLMAKER (KA9GUL)- 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801

Equipment: Receiver: Lafeyette 3030, Antenna: Winegard CH 6065 up 20 feet, 20 db amplifier set wide open

MARCH 1993 DX

27 Tr

0229 WEJT 105.1 IL Decatur, oldies on weekends

0258 WFUN 95.5 IL Bethalto

MAY 1993 DX

26 Tr

0651 KYQQ 106.5 KS Arkansas City, (note: FM Atlas says rock, when I heard them they were country (They have changed format to country-gc)

KLTH 99.7 MO Kansas City, also heard

0054 KMTU 100.7 MO Carrolton (KGMO was off, KMTU must be new call, FM Atlas says KMZU, but tape says KMTU).

METROPOLITAN GOVERNMENT
OF NASHVILLE AND DAVIDSON COUNTY

WPLN-FM

THE PUBLIC LIBRARY OF NASHVILLE
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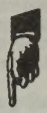
EIGHTH AVENUE, NORTH AND UNION
NASHVILLE, TENNESSEE 37203

STATION NEWS: The following top 40 stations are now using the "best hits of the 80's and 90's" slogan: WNOK 104.7, WSSX 95.1, and WZAT 102.1. WSSX also uses "Adult Hits 95SX". In Elloree, South Carolina, 100.3 is now WORG, and urban, with a "Hot 100.3" slogan. WWPD 94.3 in Marion, SC is now "Your Christian Country". Wilmington, NC on 97.3 has changed format again: to urban and "The All New Coast 97". In that same area a 94.1 with classical music was heard, so perhaps New Bern has come on the air. Murrells Inlet, SC 94.5 was also heard on the air, as was a "Gator 107.9", with country, stereo, in the Myrtle Beach area. WBTY 105.5 Homerville, GA is now using the slogan "Y105". KDNW Duluth, MN has changed frequencies to 97.3. WQPM Princeton, MN has also moved, to 106.1. Another change in Duluth is WNCV, from 89.1 to 89.3. A new station on the air in Minnesota: KCFE 105.7 Eden Prairie. Thanks to John Ebeling for tips, in addition to those listed in the previous section of "Station News".

WELCOME NEW REPORTER!



RICHARD CONTONE - 162-07 87th ST. - JAMAICA, NEW YORK 11414

Equipment: Radio Shack Optimus STA-795 digital tuner. Winegard TV-7000 with Archer amplifier.

MAY 1993 DX

15 GW

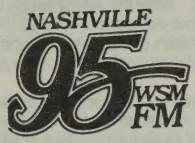
2111	WHUD	100.7	NY Peekskill, lite rock	75

19 GW

0039	WRKI	95.1	CT Brookfield, rock I95	66

23 GW

0906	WEZN	99.9	CT Bridgeport, soft rock	52



WEZN verified my reception report with a QSL letter. Enclosed is a rare letterhead from them with a mailing address (Thank you for that logo, Richardl-gc). Can't get anything on tropo further than the 75 miles, currently instaling new RG-58 cable after antenna connection repair. I'm on the lookout. Lastly, about 50 locals under 20 miles torport in stereo and mono. (Welcome to the column! Keep us informed about your antenna repairs, and hope to hear from you soon!-gc). Richard Contone

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX9100 tuner, modified with 1 150 and 3 180 khz filters, Stereo Probe 9 mounted at ≈ 25' AGL, CAC11 and RG6 coax, Archer Rotor, and two-capacitors in a box phasing system with TV antenna

MAY 1992 DX

12 Tr

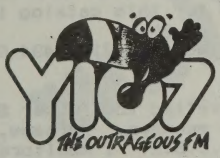
0950	WQEL	92.7	OH Bucyrus, ads, o$, o/CJBX	268
1000	WAPQ	98.7	OH Crestline, op$, The Apple	259
2300	WZXV	99.7	NY Palmyra, g$, Jesus Radio	
			NEW to air semi-local, but not that strong here	66

16 Es

2210	KDCK	95.5	KS Dodge City, j$, first FM of year	
2305	KQIZ	93.1	TX Amarillo, T40$, "Z93"	1344

29 Es

1625	WSKX	92.3	GA Hinesville, s$,Power 92, ads	786
1627	WAPE	95.1	FL Jacksonville, ads, brief	893



JUNE 1993 DX

3 Es

1229	KODA	99.1	TX Houston, local ads$	1312
1231	KAYD	97.5	TX Beaumont, k$, KD97	1223
1234	KZFM	95.5	TX Corpus Christi, r$, Hot Z95	1494
1235	KWVS	97.5	TX Kingsville, long skip!	1513
1240	KETX	92.3	TX Livingston, ads, previously	
			heard on old 92.1, during 7-16-87 opening	1229
HAD TO LEAVE, but logged a few in car in Amherst,NY				
1250	KIKK	95.7	TX Houston, legal ID, strong	1312
1251	KMJQ	102.1	TX Houston, s$ over kl CFNY	1312
1258	KPLV	93.3	TX Port Lavaca, Paul Harvey	1414
1300	KGRM	91.5	LA Grambling, s$, ID o/WXXI	1058
1304	KAFX	95.5	TX Diboll, K-Fox 95, lunch-o$	1188
1245	KJAE	92.7*	LA Leesville, KJ-FM, k$	1153
1255	KWJM	92.7*	LA Farmerville, calls, k$, brief	1022
1305	KIVY	92.7*	TX Crockett, legal ID, local nx	1221

It has been a very disappoiting skip season to date here, with only one opening that was even half-way decent (the June 3rd opening to Texas and Louisiana). The other two times Ihave had FM e-skip (as of June 10), did not last more than one minute. Even skip interference on channel 2 & 3 has been a rarity this year, something that was not all that uncommon in some years past. During one ES opening on TV, I noted signals coming in on a heading farther north than they "should have". I was seeing the Dakotas, yet the signals were from the NW or even NNW. Several other DXers noticed this also. Does the skip could have to be directly in line with the DXer and the transmitter? Is it something like the false beam trops openings reported in the past by several Illinois DXers? Hopefully the latter part of June and July will really see a pickup in activity, to prevent this from being one of the worst seasons ever. I have heard theories that Mount Pinatubo is to blame for the lackluster Es performances in 1992 and 1993, as well as the cool and damp weather-very interesting. As far as trops go, not much there either. The first paryof May was decent, highlighted by a strong opening to Northern Ohio on the 12th, but since then things have quieted down, as we have been drawn into a pattern of low pressure systems moving across the Northern U.S., similar to last summer's travesty, hi. Hopefully things will pick up soon. I plan on being in Nashville at the end of this month for the WTFDA Conference. I hope to see many of you there; I'm sure it will be a great time!

METEOR SCATTER--THE OVERLOOKED DX MODE

It's interesting that most TV and FM DXers seem to consider themselves to be "skip" DXers, but many do not utilize the one type of skip that actually is most common. It goes on all time, day and night, has certain "peaks" that are more like "one-nighters" than seasons and is even used by the Military for certain over-the-horizon VHF communications applications.

What I'm talking about is of course Meteor Scatter. You don't need to really wait for the next opening or Meteor Shower Peak--it happens everyday! It's pretty simple stuff too. On a daily basis, thousands of meteors get pulled toward the earth as we encounter them in our yearlong trip around the sun. Most all of them burn up in the upper atmosphere--right in the vicinity of the good old E-LAYER! Meteors are mostly rock-like hunks of metal--most commonly iron, believe it or not!

It is the exhaust product of the meteor itself, breaking up and burning on its downward trajectory towards earth, that causes the DX. While the meteor breaks up and burns--at hundreds of miles per hour as it streaks into the increasingly dense atmosphere--it leaves behind a trail of ionized gases--a miniature skip opening that lasts anywhere from a fraction of a second to a minute or more, depending upon the size of the "rock" involved, its percentage of metallic material, and the angle at which it plows into the atmosphere.

MS DX is a great way to fill in those gaps in the log. Lowband TV and FM stations that are too close for E-skip, but too far for most tropo opening situations, can be logged via MS if you're patient. The only problem with this plentiful DX mode (can you think of any other that you can depend on day in and day out?) is that each "burst" or mini-opening of Meteor Scatter DX is short lived, sort of something like an E-skip opening in miniature. Avid FM and TV DXers look forward to DXing Meteor Scatter during the major showers that occur (several good ones happen during the year). But don't ignore the *non-shower mornings!* These are the random meteor days, days not clearly connected with any specific shower activity. Believe it or not, there's some great DX to be had during these "off-peak" days. Remember that decent antenna gain is important here, too; strong MS bursts have been logged by "rabbit-ear" DXers, and MS bursts have even been heard by DXers in automobiles, but the scatter-level signal strength of most MS DX demands a good antenna.

If you haven't dabbled in MS DX yet, an excellent chance will present itself soon. The mid-summer Perseids meteor shower will peak August 12th. Early-risers should be able to notice an increasing number of meteor bursts on their lowest open lowband TV or FM channel a few days prior to the shower peak. The period around dawn is the best time to check for MS. Try it--you may get hooked on a new DX mode!

STATION BREAK

WTFDA STATIONBREAK
P.O. Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FOR SALE - Rich Wertman's DX Catalog also contains gain and curve charts of numerous DX antennas along with many topics of discussion on DXING and antenna tips, a used equipment section, another with Regency and Bearcat Scanners. Remember the $10.00 fee for this catalog is deductable from your first order over $100.00.
Rich Wertman - 6150 Crosby Road - Lockport NY 14094 - (716) 434-5086

FOR SALE - From March 23 - April 19 '93, I travelled the former Soviet Union. With me, I carried my Realistic Pro 43 scanner. Perhaps, I am the first person to sneak a scanner into the U.S.S.R. I monitored Soviet Police, Soviet Army bases, Soviet Air Force, Soviet Military Telephone, Borispol Airport, Moscow Air-Watch, Subway Stations, Manufactures, Buses, and more. If you would like a copy of all the frequencies monitored, including the ones above, and a short paragraph on what was heard with each freq. (Also, I will include a map of the area that was monitored) send $5.00 to:
A.P. McQueary - 1901 Road B - Redwood Valley CA 95470

WTFDAers: YOUR ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

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TV TIME TUNNEL

A COLLAGE OF LOGOS AND LETTERHEADS FROM LONG AGO AND FAR AWAY (including three from your 1993 Convention host city) MAKES UP THIS MONTH'S FEATURE

WORLDWIDE TV-FM DX ASSOCIATION

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